LOCKHEED MARTIN

Y/ER--229

ENVIRONMENTAL RESTORATION PROGRAM

# Site Characterization Summary Report for Dry Weather Surface Water Sampling Upper East Fork Poplar Creek Characterization Area Oak Ridge Y-12 Plant, Oak Ridge, Tennessee

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DEPARTMENT OF ENERGY

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Y/ER-229

Energy Systems Environmental Restoration Program

# Site Characterization Summary Report for Dry Weather Surface Water Sampling Upper East Fork Poplar Creek Characterization Area Oak Ridge Y-12 Plant, Oak Ridge, Tennessee

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# PREFACE

This *Site Characterization Summary Report for Dry Weather Surface Water Sampling, Upper East Fork Poplar Creek Characterization Area, Oak Ridge Y-12 Plant, Oak Ridge, Tennessee*, was prepared in accordance with requirements of the Comprehensive Environmental Response, Compensation, and Liability Act. This document provides a summary of execution of the site characterization work and tables of results. The work was performed under Work Breakdown Structure 1.1.03.41.10.10.12 (Activity Data Sheet 2303, "Upper East Fork Poplar Creek"). This document represents partial fullfillment of the work to be performed under the *RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee*, ES/ER-10/V1&D1 & V2&D1 (UCNI) and *Response to Comments and Recommendations on RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee, Volume 1, Operable Unit 1*, ES/ER-10/V1&D2 (UCNI). An unclassified nonsensitive version of ES/ER-10/V1&D1 and V2&D1 can be found in DOE/OR/01-1250/V1&D1 and V2&D2.

# ACKNOWLEDGMENTS

CDM Federal Programs Corporation, under a subcontract to Lockheed Martin Energy Systems, Inc. (Energy Systems), prepared this document assembling, in large part, data compilation and analysis performed by Ralph R. Turner and Mary Anna Bogle, Oak Ridge National Laboratory, Environmental Sciences Division, the project's scientists. Many other Energy Systems project team members also contributed to this effort.

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# ABBREVIATIONS

| | |
|---|---|
| AA | atomic absorption |
| AESG | Analytical and Environmental Support Group |
| ASO | Analytical Services Organization |
| ASTM | American Society for Testing and Materials |
| BOD | biological oxygen demand |
| CA | Characterization Area |
| CDM Federal | CDM Federal Programs Corporation |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CLP | Contract Laboratory Program |
| COD | chemical oxygen demand |
| CRDL | contract-required detection limit |
| DOE | U.S. Department of Energy |
| EDD | electronic data deliverable |
| ELIMS | Environmental Laboratory Information Management System |
| Energy Systems | Martin Marietta Energy Systems, Inc. |
| EPA | U.S. Environmental Protection Agency |
| FCRF | Field Change Request Form |
| FFA | Federal Facilities Agreement |
| ICP | inductively coupled plasma |
| IDL | instrument detection limit |
| N/S pipes | north/south pipes |
| NPDES | National Pollutant Discharge Elimination System |
| OU | operable unit |
| PCB | polychlorinated biphenyl |
| QA | quality assurance |
| QAPjP | Quality Assurance Project Plan |
| QC | quality control |
| RCRA | Resource Conservation and Recovery Act |
| RFI | RCRA Facility Investigation |
| RI | Remedial Investigation |
| SDG | sample delivery group |
| SVOC | semivolatile organic compound |
| SWHISS | Surface Water Hydrologic Instrument Support System |
| TDEC | Tennessee Department of Environment and Conservation |
| TDHE | Tennessee Department of Health and Environment |
| UCNI | Unclassified Controlled Nuclear Information |
| UEFPC | Upper East Fork Poplar Creek |
| VOC | volatile organic compound |

# EXECUTIVE SUMMARY

This report describes activities associated with conducting dry weather surface water sampling of Upper East Fork Poplar Creek (UEFPC) at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee. This activity is a portion of the work to be performed at UEFPC Operable Unit (OU) 1 [now known as the UEFPC Characterization Area (CA)], as described in the *RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee* (Energy Systems 1990a) and in the *Response to Comments and Recommendations on RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee, Volume 1, Operable Unit 1* (Energy Systems 1991a). The report is designed to provide a summary of all project-related events to date.

UEFPC originates near the western edge of the Y-12 Plant as a surface water drainage system. The headwaters are contained in a network of underground collection pipes that extend to about the central area of the Y-12 Plant, where the aboveground portion of the creek emerges at the north/south pipes (N/S pipes). UEFPC is a perennial stream, and it is also a gaining stream throughout its reach. The initial source of flow in UEFPC is surface water runoff from the Y-12 Plant. Virtually all of the plant's surface water runoff enters the creek through an extensive array of storm drains that gather runoff in catch basins located across the plant. The storm sewer system was constructed in the 1940s, and many of the underground pipes have deteriorated to the point that either infiltration or exfiltration of shallow groundwater may occur, depending on the relationship between pipe elevation and the water table.

The major objective of the dry weather surface water sampling program was to characterize the nature and extent of hydrologically dependent contaminant transport to and within UEFPC under current (now recent) plant operating conditions using a mass balance approach. Samples were collected from all flowing outfalls to UEFPC within the same dry weather period and at critical locations in the storm sewer system above the N/S pipes in the underground portion of UEFPC. Sampling of all locations within the same period was necessary to obtain an estimate of the total creek load and to allow the use of the mass balance approach.

A total of 25 active outfalls below the N/S pipes, 3 instream locations (N/S pipes, Station 8, and the Oil Skimmer), and 9 locations in the piping above the N/S pipes were identified for 4 rounds of sampling under dry weather (base flow) conditions. For this study, a dry weather period was defined as any time preceeded by 24 hours of less than 0.1 in. of precipitation.

Because of the large total number of locations to be sampled, all involving a comprehensive list of analytes, it was necessary to divide each of the four sampling events into two parts; Part I of each event addressed all locations below the N/S pipes, while Part II addressed the locations above the N/S pipes. Samples were collected between July and December 1993 and required a massive mobilization of project resources to meet these difficult project requirements (i.e., synoptic measurements).

Results of analyses were subject to a data verification and evaluation process that evaluates the quality of the data based on charge balance, comparison of calculated versus measured conductivity, comparison of total and dissolved metals results and analyses of field duplicate results, in addition to looking for errors in data transfers and transformations. In all cases, the results of these

evaluations showed that the data set is of high quality with error within or below the expected range. A total of 20% of the analytical results were subjected to independent data validation; these results confirmed that the data set is good (i.e., very few results were qualified or rejected).

Preliminary mass balance results for mercury indicate that all major sources of contaminant flux were represented and that the overall study design will allow a mass balance characterization of contaminant flux in UEFPC. Similarly the flow balance results indicate that a majority of the flow is accounted for and, therefore, the flow component of contaminant flux is well within the expected error.

The report also provides tabulation of field changes that occurred over the course of the project and documents lessons learned and modifications in the approach therefrom. Detailed data analysis is not presented; it will be conducted in conjunction with the UEFPC CA remedial investigation. The results presented herein are largely limited flux calculations/balances for four major constituents (mercury, uranium, nitrates, and chloride) and flow balance results. These data were compiled and analyzed to support a meeting with the regulators held on May 18, 1994.

# 1. INTRODUCTION AND PURPOSE

This report describes activities associated with conducting dry weather surface water sampling of Upper East Fork Poplar Creek (UEFPC) at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee. This activity is a portion of the work to be performed at UEFPC Operable Unit (OU) 1 [now known as the UEFPC Characterization Area (CA)], as described in the *RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee* (Energy Systems 1990a) and in the *Response to Comments and Recommendations on RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee, Volume 1, Operable Unit 1* (Energy Systems 1991a). Because these documents contained sensitive information, they were labeled as unclassified controlled nuclear information and as such are not readily available for public review. To address this issue the U.S. Department of Energy (DOE) published an unclassified, nonsensitive version of the initial plan, text and appendixes, of this Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Plan in early 1994 (DOE 1994). These documents describe a program for collecting four rounds of wet weather and dry weather surface water samples and one round of sediment samples from UEFPC. They provide the strategy for the overall sample collection program including dry weather sampling, wet weather sampling, and sediment sampling. Figure 1.1 is a schematic flowchart of the overall sampling strategy and other associated activities. A Quality Assurance Project Plan (QAPjP) (CDM Federal 1993) was prepared to specifically address four rounds of dry weather surface water sampling and one round of sediment sampling. For a variety of reasons, sediment sampling has not been conducted and has been deferred to the UEFPC CA Remedial Investigation (RI), as has wet weather sampling.

This report is designed to provide a summary of all project-related events to date and of the study results for the four rounds of dry weather surface water sampling. Results of data evaluation and validation are presented and discussed. Data analysis will be performed by the project team in conjunction with execution of the UEFPC CA RI and is included here in only a preliminary manner. A preliminary evaluation of the successfulness of the mass balance approach primarily related to flow balance has been performed and is included in Sect. 5. Mass balance results for four parameters (mercury, uranium, chloride, and nitrates) are also included.

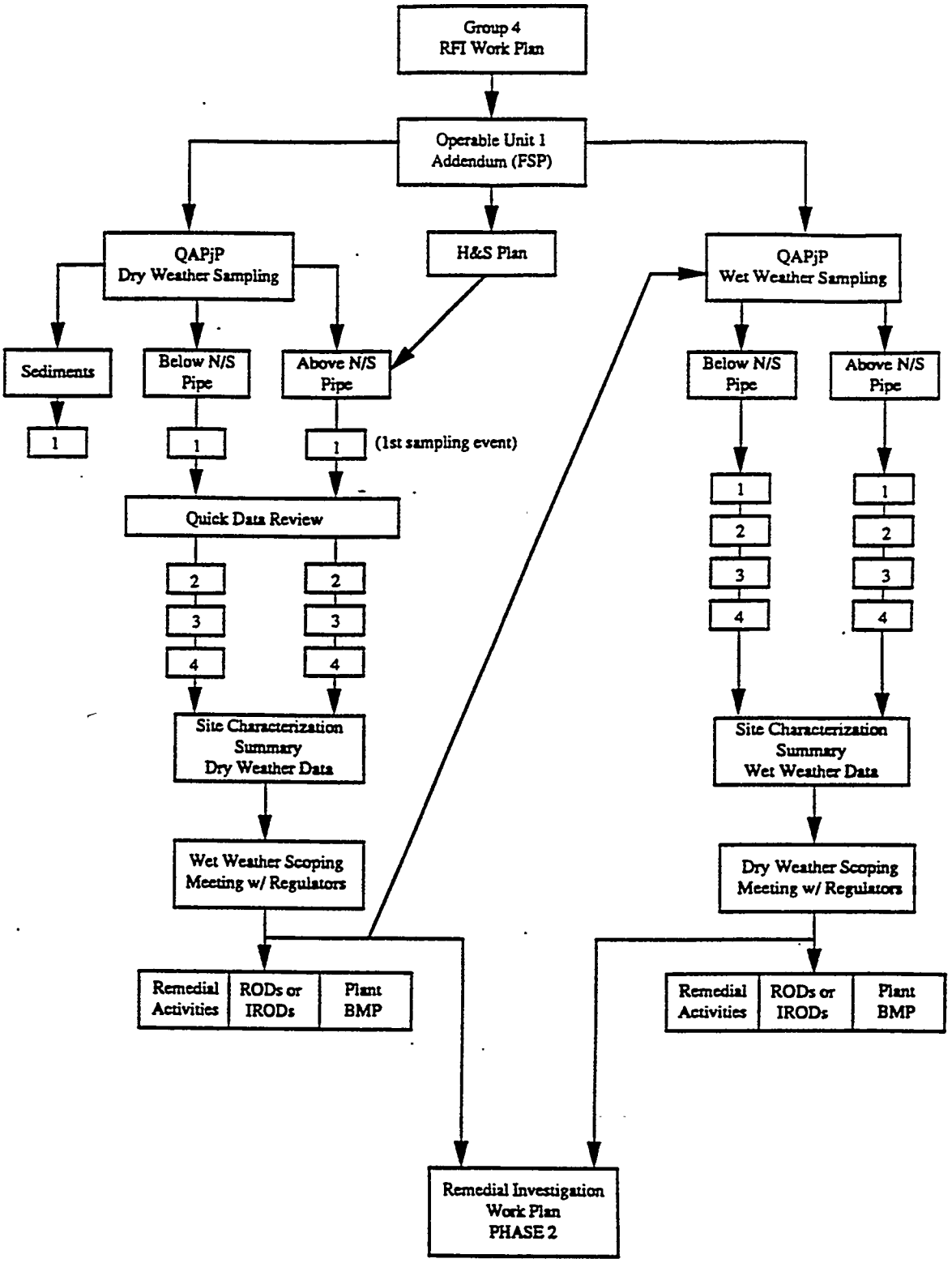



**Fig. 1.1. Flowchart of the overall sampling strategy and other project activities.**

# 2. BACKGROUND AND PROJECT CHRONOLOGY

UEFPC originates near the western edge of the Y-12 Plant as a surface water drainage system. The headwaters are contained in a network of underground collection pipes that extend to about the central area of the Y-12 Plant, where the aboveground portion of the creek emerges at the north/south pipes (N/S pipes). The creek then flows near the southern boundary of the plant complex along the base of Chestnut Ridge and enters Lake Reality at the east end of the plant. From the outfall at Lake Reality, Lower EFPC begins and flows north through a gap in Pine Ridge and through the city of Oak Ridge.

During construction of the Y-12 Plant in the 1940s, the north-south tributaries to UEFPC were backfilled or replaced with storm drains. Sections of the UEFPC channel were significantly straightened in the Y-12 area. These changes have had significant impacts on the surface hydrology and groundwater flow system in the plant area.

UEFPC is a perennial stream, which means that it flows throughout the year in response to groundwater discharge and surface water runoff, and it is also a gaining stream throughout its reach (i.e., receives groundwater discharge). The initial source of flow in UEFPC is surface water runoff from the Y-12 Plant. Virtually all of the plant's surface water runoff enters the creek through an extensive array of storm drains that gather runoff in catch basins located across the plant. The storm sewer network contains several miles of drainage pipes and culverts that range up to 183 cm (72 in.) in diameter. These pipes and culverts discharge to UEFPC either as trunk lines to the main pipes while the creek flows underground or as open-ended pipes that extend from the banks along the aboveground portion of the creek. The storm sewer system was constructed in the 1940s, and many of the underground pipes have deteriorated to the point that either infiltration or exfiltration of shallow groundwater may occur, depending on the relationship between pipe elevation and the water table (Energy Systems 1989). In recent years some pipes have been lined to prevent infiltration and exfiltration. In addition, many of the outfalls have been eliminated.

## 2.1 CHRONOLOGY

Characterization efforts within the UEFPC CA were first planned and described in an RFI Work Plan prepared in 1989 (Energy Systems 1989). This Work Plan addressed only surface water, sediment, and groundwater discharge under the past definition of UEFPC OU 1. In December 1990 another RFI Work Plan (Energy Systems 1990a) was prepared specifically to address UEFPC OU 1, the mercury-use areas, and three other sites. This Work Plan went through the regulatory review, amendment, and approval process with final U.S. Environmental Protection Agency (EPA) approval received in April 1992. During the approval period, DOE, the Tennessee Department of Environment and Conservation (TDEC), and EPA-Region IV, signed the Federal Facilities Agreement (FFA) that moved characterization activities associated with inactive non-permitted facilities under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Before implementation of the approved RFI Work Plan, a QAPjP (CDM Federal 1993) was prepared following FFA and CERCLA guidance and requirements to better describe the field activities to be conducted to fulfill the dry weather surface water sampling portion of the original 1989 RFI Work Plan. The QAPjP also described sediment sampling; however, as previously mentioned, sediment sampling was not performed. The four rounds of dry weather sampling

described in the documentation were conducted between July and December 1993. Table 2.1 presents an overview of the chronology of major events related to this project. A more detailed chronology of project events is provided in Appendix A.

## 2.2 THE TEAM

Preparation of the QAPjP and execution of the characterization work were performed using a combination of Lockheed Martin Energy Systems, Inc. (Energy Systems) and CDM Federal Programs Corporation (CDM Federal) staff. Sample collection was performed by Energy Systems Health, Safety, Environment, and Accountability Division – Environmental Management staff. Samples were analyzed by the Energy Systems Y-12 Analytical Services Organization (ASO), and a percentage of the results was independently validated by the Energy Systems Analytical and Environmental Support Group. CDM Federal provided personnel to prepare the QAPjP, to observe the Energy Systems field sampling team, to compile the data, and to prepare this report. Project scientists Ralph Turner and Mary Anna Bogle were directly involved in planning and conducting various aspects of the fieldwork and performed a majority of the data evaluation and analysis presented in this report.

**Table 2.1. Chronology of major events for Upper East Fork Poplar Creek Operable Unit 1**

| | |
|---|---|
| December 1989 | Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan for Upper East Fork Poplar Creek (UEFPC) was issued to U.S. Environmental Protection Agency (EPA) and Tennessee Department of Health and Environment (TDHE) for review and approval (Y/TS-579).<br>RFI Work Plan for mercury-use areas was issued to EPA and TDHE for review and approval (Y/TS-597). |
| June 1990 | Comments were received on the two RFI Work Plans. |
| September 1990 | Working Group meeting with EPA and TDHE to discuss their comments. |
| December 1990 | RI Work Plan for Group 4 was issued to EPA and TDHE for review and approval. This Work Plan included UEFPC, the mercury-use areas, and three other sites. The report numbers for this two-volume report are ES/ER-10/V1&D1 and ES/ER-10/V2&D1 [unclassified controlled nuclear information (UCNI)]. |
| April 1991 | Comments received on the RFI Work Plan for Group 4. |
| June 1991 | Working Group meeting with EPA and Tennessee Departent of Environment and Conservation (TDEC) to discuss their comments. |
| June 4, 1991 | U.S. Department of Energy (DOE) technical working group meeting in Chattanooga to develop general Data Quality Objectives for project. |
| December 1991 | Addendum issued for UEFPC and mercury-use areas Work Plan. The report number for this addendum is ES/ER-10/V1&D2 (UCNI). |
| January 1992 | Federal Facilities Agreement became effective. |
| March 1992 | TDEC approved UEFPC Operable Unit (OU) 1 Work Plan. |
| April 1992 | EPA approved UEFPC OU 1 Work Plan. |
| November 1992 | Draft Surface Water Data Evaluation Report issued for internal review and evaluation. |
| February 1993 | Final Surface Water Data Evaluation Report issued. |
| April 1993 | Identification of "focus" outfalls by Ralph Turner (OU 1 project scientist). Focus outfalls identified by review of the Surface Water Data Evaluation Report and field survey of outfalls during dry weather periods. |
| May 1993 | Meeting on Mercury/National Pollutant Discharge Elimination System/UEFPC OU 1/Reduction of Mercury in Plant Effluent issues with EPA and TDEC at the TDEC's Knoxville offices. |
| May–June 1993 | Preparation of Quality Assurance Project Plan (QAPjP) (Y/ER-110) for UEFPC OU 1. This plan contained the approved sampling strategy with some modifications made as a result of the meeting in May. |
| June 28, 1993 | Readiness Review for Event 1, Part I. |
| July 10–11, 1993 | Event 1, Part I - Outfalls below the north/south pipes (N/S pipes) (weekend event) |
| August 12, 1993 | Readiness Review for Event I, Part II; Addendum I to QAPjP approved. |
| August 14, 1993 | Event 1, Part II - Outfalls above the N/S pipes (weekend event). |
| August 30, 1993 | Regulators attended project meeting to discuss laboratory and data validation issues. |
| September 10, 1993 | Addendum II to QAPjP approved. |
| September 13–14, 1993 | Event 2, Part I |
| October 4, 1993 | Event 2, Part II |
| October 28–29, 1993 | Event 3, Part I |
| November 11, 1993 | Event 3, Part II |
| December 7, 1993 | Event 4, Part I |
| December 14, 1993 | Requested regulator approval to drop some parameters from Event 4, Part II. |
| December 15, 1993 | Received approval from regulators to drop some parameters from Event 4, Part II. |
| December 16, 1993 | Event 4, Part II |
| February 9, 1994 | Samples chosen for Levels C/D data validation |

**Table 2.1 (continued)**

| | |
|---|---|
| March 1994 | DOE published unclassified, nonsensitive version of Group 4 RFI Work Plan (DOE/OR/01-1250/V1&D1 and V2&D1) |
| March 1994 | Data packages received from laboratory |
| April/May 1994 | Data packages transferred to Analytical and Environmental Support Group (AESG) for validation |
| May 18, 1994 | Preliminary results presented to regulators; presented strategy for new approach integrating surface water and groundwater; delayed wet weather sampling. |
| May–September 1994 | Data validation |
| November 29, 1994 | AESG's first assessment/findings to laboratory |
| February 27, 1995 | Laboratory response to AESG's assessment/findings |
| March 6, 1995 | Revalidation based on laboratory responses |
| May 25, 1995 | Additional comments from validators |
| June 21, 1995 | Memorandum with final adjustments to validation |
| July 17, 1995 | Final Validation Report |

# 3. SAMPLING STRATEGY/APPROACH

The major objective of the dry weather surface water sampling program was to characterize the nature and extent of hydrologically dependent contaminant transport to and within UEFPC under current (now recent) plant operating conditions. There are both point and non-point sources of flow and contaminants to UEFPC that originate at the Y-12 Plant. Point sources are primarily the outfalls that, under dry weather conditions, convey process water of some type and groundwater, which feeds from building sumps or infiltrates the leaky pipes depending on such variables as the water table elevation and the time of year. The non-point source contribution under dry weather/base flow conditions is limited to groundwater discharge directly to UEFPC.

## 3.1 SAMPLING STRATEGY

The overall strategy was to collect samples of all flowing outfalls to UEFPC. Flowing outfalls downstream of the N/S pipes that surface from the creek bank are obvious. There was also a need to look at critical locations in the storm sewer system above the N/S pipes in the underground portion of UEFPC. Most of these sampling locations are within the protected area of the plant and required sampling by means of manholes, either by confined space entry or use of a peristaltic pump. In all cases confined space entry was required to obtain flow measurements. Some of the outfalls below the N/S pipes were inaccessible for several reasons; in those instances, samples were collected from catch basins above the outfalls. Another important aspect of the strategy was to collect the samples and measure flow from all locations within the same dry weather period. Sampling of all locations within the same dry weather period was necessary to obtain an estimate of the total creek load and to allow the use of the mass balance approach.

A total of 25 active outfalls below the N/S pipes, 3 instream locations (N/S pipes, Station 8, and the Oil Skimmer), and 9 locations in the piping above the N/S pipes were identified for 4 rounds of sampling under dry weather (base flow) conditions. For this study, a dry weather period was defined as any time preceeded by 24 hours of less than 0.1 in. of precipitation. This approach is consistent with EPA's definition of dry weather in the storm water permit regulations (40 CFR 122.26). Figure 3.1 is a schematic of all the sampling locations.

Because of the large total number of locations to be sampled, all involving a comprehensive list of analytes, it was necessary to divide each of the four sampling events into two parts; Part I of each event addressed all locations below the N/S pipes, while Part II addressed the locations above the N/S pipes. In general the analyte list was described by two terms: "full," which included volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), metals (total and dissolved), gross alpha and beta, gamma spec, total uranium, isotopic uranium, a variety of anions, cations, and physicochemical parameters; and "partial," which included all of the above except VOCs, SVOCs, pesticides/PCBs, biological oxygen demand (BOD), chemical oxygen demand (COD), and hexavalent chromium. The intent was to analyze for the "full" list of parameters at least once at all sampling locations.

Because of the difficulty of collecting samples from the locations above the N/S pipes, these locations were sampled for the "full" parameter list every time except during Event 4. For Event 4,

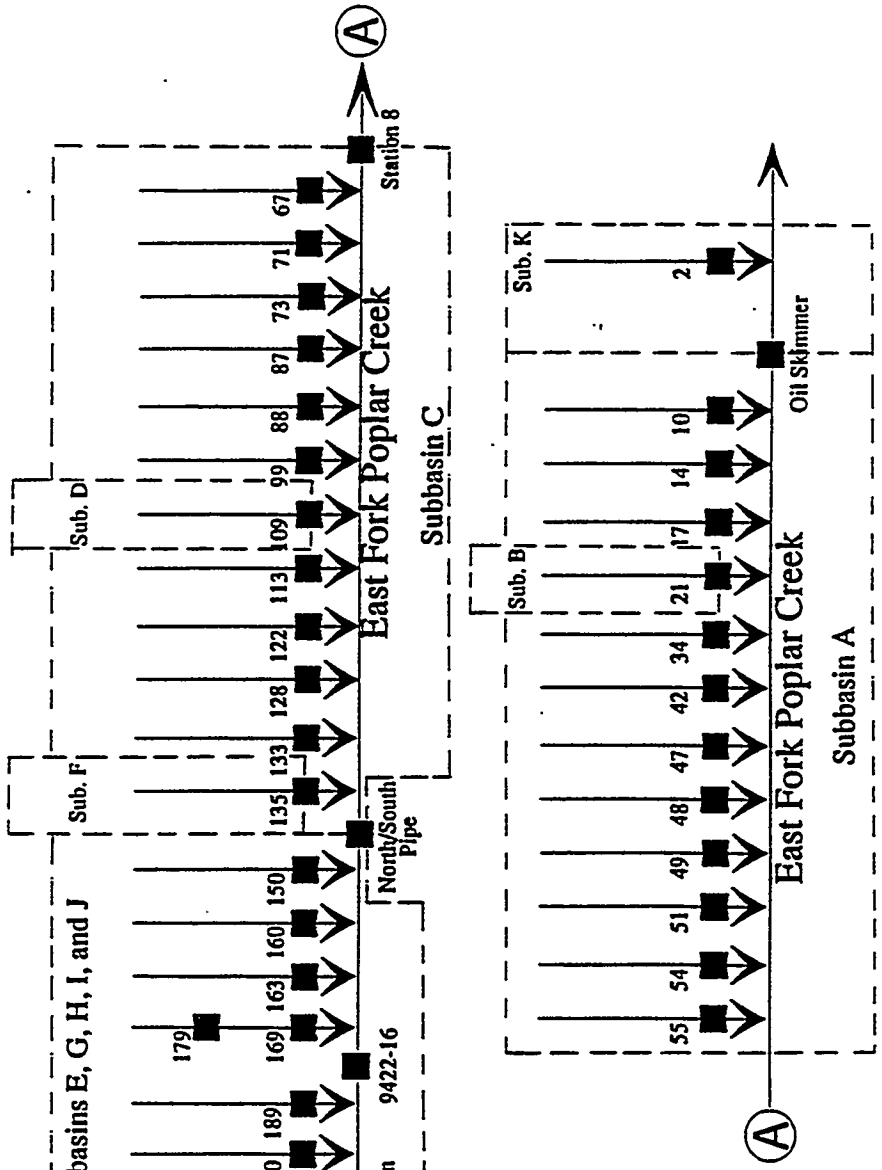



**Fig. 3.1. Schematic of dry weather surface water sampling locations.**

Part II, SVOCs, pesticides/PCBs, and hexavalent chromium were dropped from the list because none of these analytes were detected during Events 1, 2, or 3.

Approximately 25% of the stations were sampled for the full list of parameters each sampling round. Thirty-seven different bottles were filled when collecting samples for the "full" list of parameters; the "partial" list required 22 bottles. A "special" list of analytes was designated for samples collected from the Oil Skimmer for Events 2, 3, and 4. This list was the "full" list minus BOD, COD, and hexavalent chromium. These parameters were not included after the first event because these data are routinely collected under the National Pollutant Discharge Elimination System (NPDES) monitoring program at this location and were considered redundant. Eliminating them was essentially a cost-savings measure. In addition to those taken at the designated sampling locations, samples were also collected for quality assurance (QA)/quality control (QC) purposes; these samples included duplicates, field blanks, matrix spike/matrix spike duplicates, trip blanks, and equipment rinseates.

## 3.2 MASS BALANCE APPROACH

Ideally, to create a mass balance of contaminant flux for UEFPC, samples would be collected from all outfalls and instream locations simultaneously. Because this approach was physically impossible, the goal of collecting all samples within a section of the creek the same day was adopted.

For the locations above the N/S pipes, it was possible to collect all samples within a 12–15-hour daylight period. However, because flow in the plant varies over the course of the day, the decision was made to collect morning (identified as such by the inclusion of "AM" in the sample identification) and evening (identified as such by the inclusion of "PM" in the sample identification) samples from the N/S pipes (instream) location to provide information on flow and constituent variability during the sampling period. Therefore, samples were collected and flow measurements were made at the N/S pipes at the beginning and end of each day's activities.

Because it was not possible (initially) to collect all of the designated samples below the N/S pipes in one daylight period, the reach was divided into two parts (i.e., the N/S pipes to Station 8, and Station 8 to the Oil Skimmer). The approach was to do one part each day and collect morning and evening samples from both of the instream locations bracketing the reach sampled. Sampling was always conducted from downstream to upstream.

By bracketing outfalls with instream locations and collecting flow and constituent data at all locations, it was possible to evaluate the mass balance of flow and constituents within each reach and for the overall creek. The concept of mass balance is predicated on the principle that the sum of the sources equals the sum of the discharge, assuming that all constituents are conservative and that there is negligible internal loading from creek sediments. For elements and compounds with a volatile phase, it is problematic to assume a mass balance can be achieved. However, the information obtained can be used to characterize the sources and typically to create a mass balance taking these factors into account. An exception to the approach for sampling below the N/S pipes was made during Event 4, Part I. Because most locations had to be sampled for partial analyses only, it was possible to collect samples from the entire reach in one long day.

The flow balance and constituent mass balance results are presented in Sect. 5.

A significant effort was made following each event to analyze lessons learned to improve efficiency and/or quality during subsequent rounds of sampling. Many of these items are reflected in the addenda to the QAPjP that will be discussed in Sect. 6.

## 3.3 SAMPLING METHODS

Sampling methods are referenced or described in detail in the *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1 Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee*, Y/ER-110 (CDM Federal 1993). Sample collection was conducted in accordance with the approved QAPjP as amended. All surface water samples collected for this project were grab samples. Grab samples were collected by one of three methods: (1) using a dipper, (2) using an ISCO automatic sampling unit to pump the water samples into the sample containers, and (3) collecting samples directly into the sample bottles. Applicable Standard Operating Procedures found in *Environmental Surveillance Procedures, Quality Control Program*, ES/ESH/INT-14 (Energy Systems 1990b) included:

- Surface Water Sampling: ESP-301-1 and ESP-301-2,
- Stream Flow Measurements: ESP-301-5 (area-velocity method),
- Field Temperature: ESP-307-1,
- Field pH: ESP-307-2,
- Field Residual Chlorine: ESP-307-4 (amperometric method),
- Field Organic Vapor Detection: ESP-307-6,
- Field Operation of Radiation Survey Instruments: ESP-307-7,
- Field Specific Conductance: ESP-307-8,
- Field Quality Control: ESP-400,
- Manual Chain of Custody Procedures: ESP-500,
- Chemical Analysis: ESP-700,
- Sample Preservation and Container Materials: ESP-701, and
- Field Equipment Decontamination: ESP-900 and ESP-901.

Where possible, surface water samples were collected directly into the sample bottles; if this procedure was not possible, then a pre-cleaned glass sample bottle was used as a dipper. A different dipper was used at each sampling location. Oil and grease samples were collected and preserved in the same jar. The field parameters—pH, temperature, specific conductance, and total residual chlorine—were analyzed or measured in the field and recorded on the field data sheets.

ISCO automatic samplers were used as a peristaltic pump according to ESP-301-2 to collect samples at many of the outfalls requiring confined space entry, except samples for oil and grease and volatile organic analyses. Grab samples collected with the ISCO automatic sampler were pumped from the source directly into the sample containers, then labeled and preserved. A clean Teflon line was attached to the automatic sampler at each sampling location. Before filling the sample containers, the ISCO suction line was flushed with several volumes of the source water. An equipment blank using American Society for Testing and Materials (ASTM) Type II water was collected after cleaning and before the first use of the ISCO sampler and then analyzed for all the analytical parameters that could be affected by this equipment.

Flows were measured by volume-time (bucket gauge) or area-velocity method. The area-velocity method consisted of measuring the depth and average velocity of water in open channels and partially filled pipes. For round pipes, the water depth and pipe diameter were measured and the cross-sectional area of flow calculated. For irregular channels (e.g., flow in pipes partially obstructed by sediment), the cross-sectional area was determined by multiple depth measurements and integration. Pipe diameter, water-depth measurements, and velocity readings were recorded on the field data sheets.

The volume-time method (bucket gauge) involved measuring and recording the time required to fill a container of known volume used to catch all flow from a pipe. In some cases special flumes had to be constructed and installed at the pipe to collect all or a majority of the flow to obtain accurate measurements. At least three measurements were made at each location, and the average time and collected volume were recorded on the field data sheets.

Samples for dissolved metals analyses were prepared in the field. A 1-gal aliquot of water was collected in a polyethene container and delivered to the on-site mobile laboratory. Water was passed through a 0.45µ Nalgene cellulose nitrate filter, distributed to sample containers, and preserved appropriately. Sample bottles for dissolved metals analyses were recombined with sample bottles for the rest of the analytes for each outfall and then delivered to the laboratory.

Disposable, individually wrapped filtration devices and a vacuum pump setup were used to prepare dissolved metals samples. Before filtration of each sample, an aliquot of ASTM Type II water was run through the filtration setup and discarded, followed by a rinse with a small volume of the sample water. Equipment blanks for the filtration setup using ASTM Type II water were collected on a daily basis; field blanks of ASTM Type II water were collected periodically. When the ISCO sampler was used to collect samples, an in-line filter (0.45µ) was added to collect the samples for dissolved metals analyses. These samples were collected directly in the sample bottles after passage through the filter. The same sampling sequence of QC rinses was used as for the mobile laboratory filtration setup.

In general, the sampling methods and procedures identified in the QAPjP were followed and modified only as needed to address changes in field conditions. Minor variations to some procedures were needed to address occurrences such as an outfall that had a variable flow rate over the course of sample collection, or an outfall that flowed intermittently in response to sump cycling. Every effort was made to collect the most representative samples possible under difficult operational conditions.

## 3.4 ANALYTICAL METHODS/PARAMETERS/DATA PACKAGES

Earlier it was explained that samples were generally analyzed for a "full" or "partial" list of parameters or analytes. The list of analytes included in each of these categories is further unique to this study because the results are intended to satisfy requirements of the NPDES monitoring program as well as the Environmental Restoration Program. Both of these programs specify analytical methods and target compounds, but their respective lists are not equivalenat. To collect a data set sufficient for both programs, the analyte lists were merged and a combination of methods was used, as appropriate, meaning that some analytes were analyzed according to EPA or SW-846 methods, while others were analyzed according to EPA Contract Laboratory Program (CLP)

methods. A detailed list of analytes and analytical methods is included in Sect. 5 of the QAPjP (CDM Federal 1993); Table 5.3 from the QAPjP is included in Appendix B of this document.

The QAPjP specified that the results be reported in a CLP-format deliverable and included examples of deliverable reports. The QAPjP also specified providing data in an electronic format. Because CLP format was requested and many of the analyses were performed using non-CLP (SW-846) analytical methods, there were some disconnects in data reporting.

The software used by the laboratory to generate the requested CLP-like packages was not capable of presenting the lower reporting limits (less-than values) as they should have been presented for the methods used in the project. This software problem caused the less-than results presented on the Form I's to be presented as values with a B flag for those results less than the contract-required detection limit (CRDL) but greater than the instrument detection limit (IDL), and values presented with a U flag for those results less than the IDL. The software was unable to incorporate a five-fold concentration, used by the Y-12 laboratory, into the calculation of the B and U values. The results on the Environmental Laboratory Information Management System (ELIMS) reports and therefore on the electronic data deliverable (EDD) were presented as less than the lower reporting limit (the CRDL for the project). This problem only affected the metals analyses/results.

After the completion of the Y-12 Dry Weather Surface Water Sampling event, the ASO purchased a different package-generating software which is capable of generating packages for the non-CLP methods. Packages generated using the new software will not have the discrepancies between the hard copy version and the EDD prepared from the ELIMS.

This problem resulted in having Form I's (hard copy data results) that did not match the EDD. The project team decided that since the results presented in the EDD are most appropriate for the intended uses and are in compliance with the QAPjP, they should be used and represented in the database. The Form I's for the metals analyses/results have been edited to match the results in the ELIMS EDD. All edited Form I's have been labeled accordingly to reference this section of this report for an explanation of changes. The edited Form I's will be the "final original Form I's" for the record and will be archived as such.

## 3.5 SAMPLING LOCATIONS

Thirty-seven different locations were sampled during this study. The sampling locations are shown on the series of maps included as Figs. 3.2 through 3.5. In some cases samples were collected at locations other than "end of pipe"; these locations are shown on the maps and include instream locations, catch basins, and in-line locations at piping junctions. Table 3.1 provides a summary of the sampling locations, including a description of the specific location. All flowing outfalls downstream of the N/S pipes were sampled. Upstream of the N/S pipes, nodal locations were selected that represent major flow and major inputs in the upstream area. Not all of the flow above the N/S pipes was represented by discrete nodes; some of the flow was accounted for by adding an instream location [i.e., 9422-16, Surface Water Hydrologic Instrument Support System (SWHISS) House].

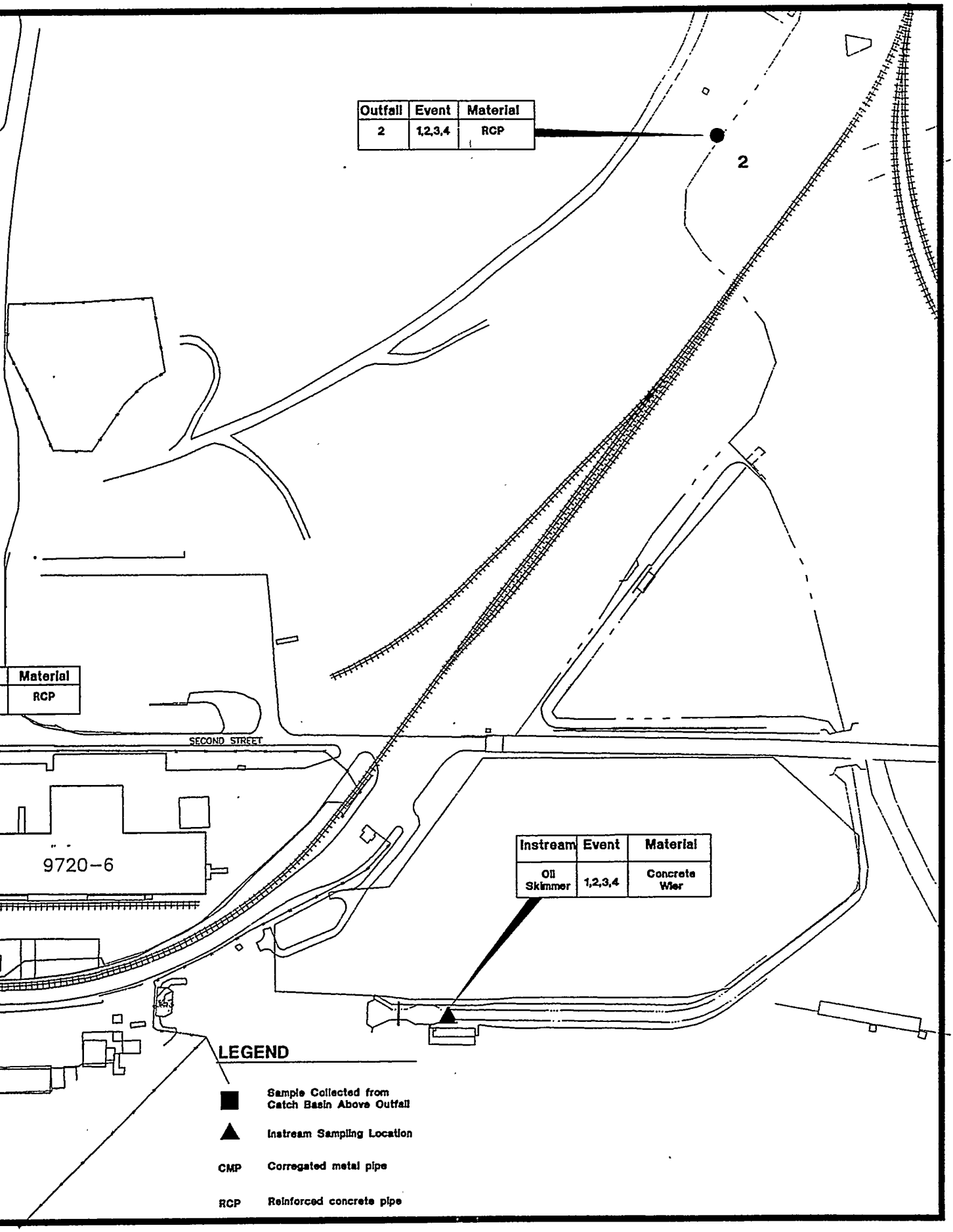
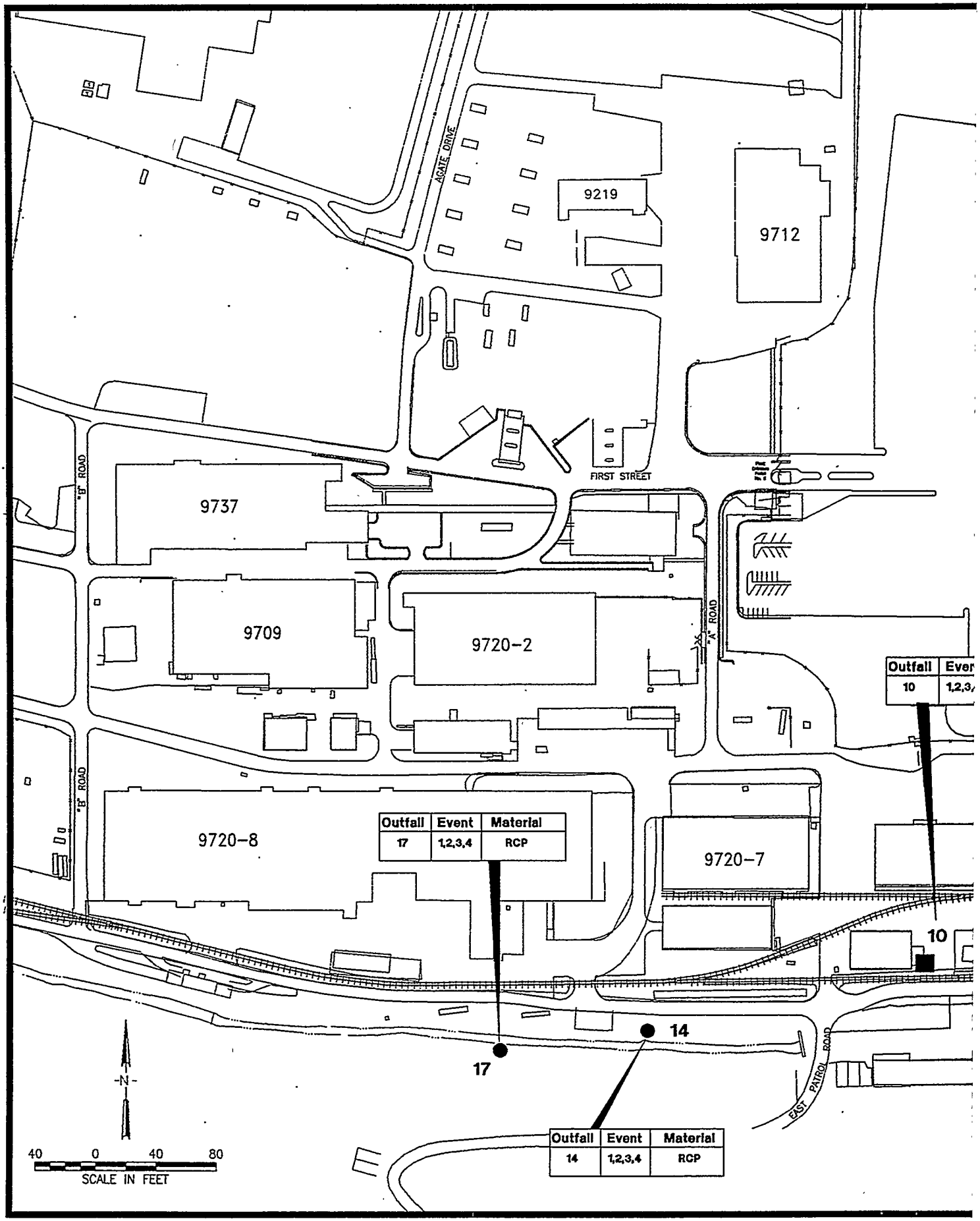



**Fig. 3.2. Sampling locations for Outfall 2 to Outfall 17.**


AGATE DRIVE
9219
9712
FIRST STREET
"B" ROAD
9737
9709
9720-2
"A" ROAD
"B" ROAD
9720-8
9720-7
Outfall | Event | Material
17 | 1,2,3,4 | RCP
Outfall | Event
10 | 1,2,3,
10
14
17
EAST PATROL ROAD
Outfall | Event | Material
14 | 1,2,3,4 | RCP
-N-
40 0 40 80
SCALE IN FEET

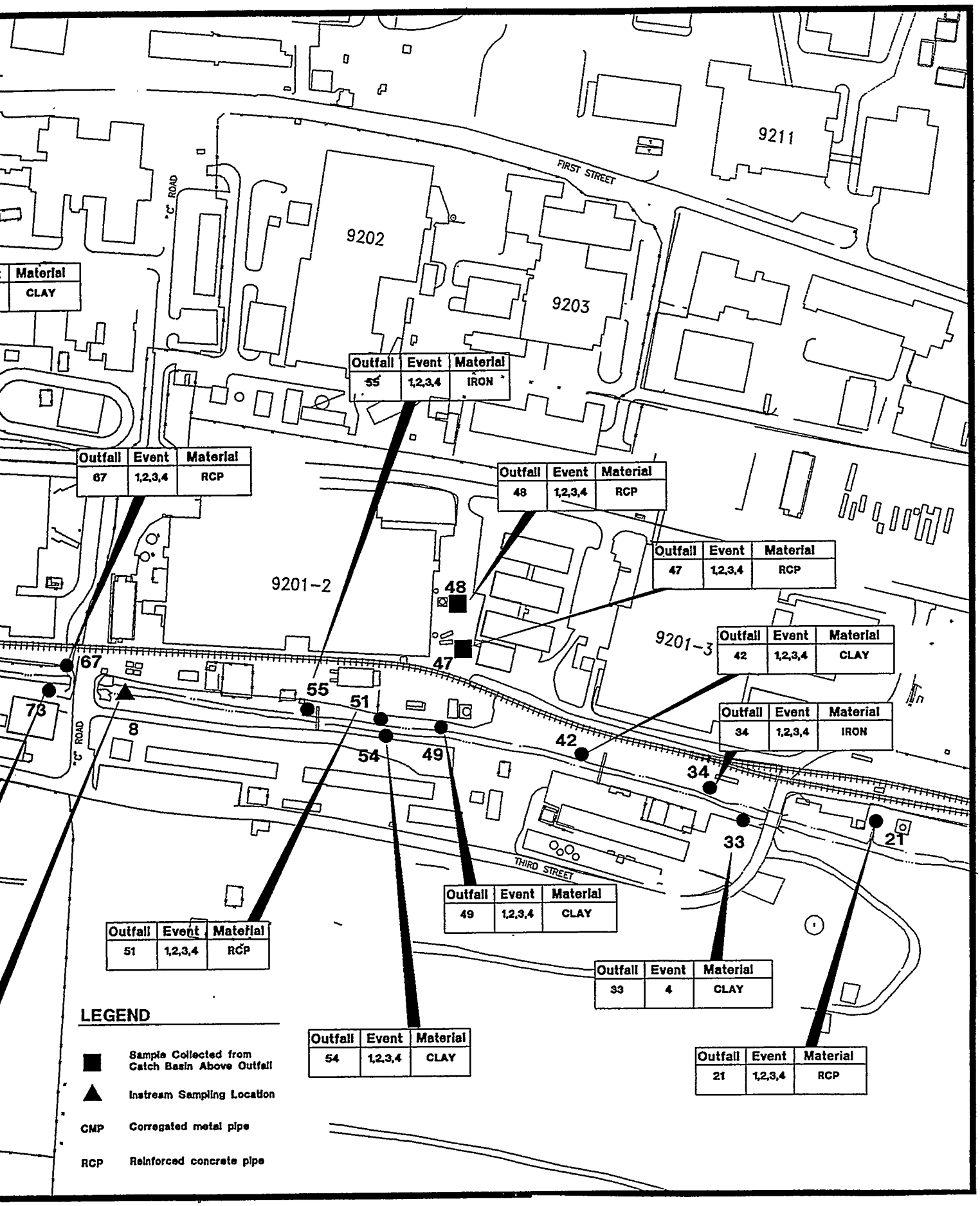
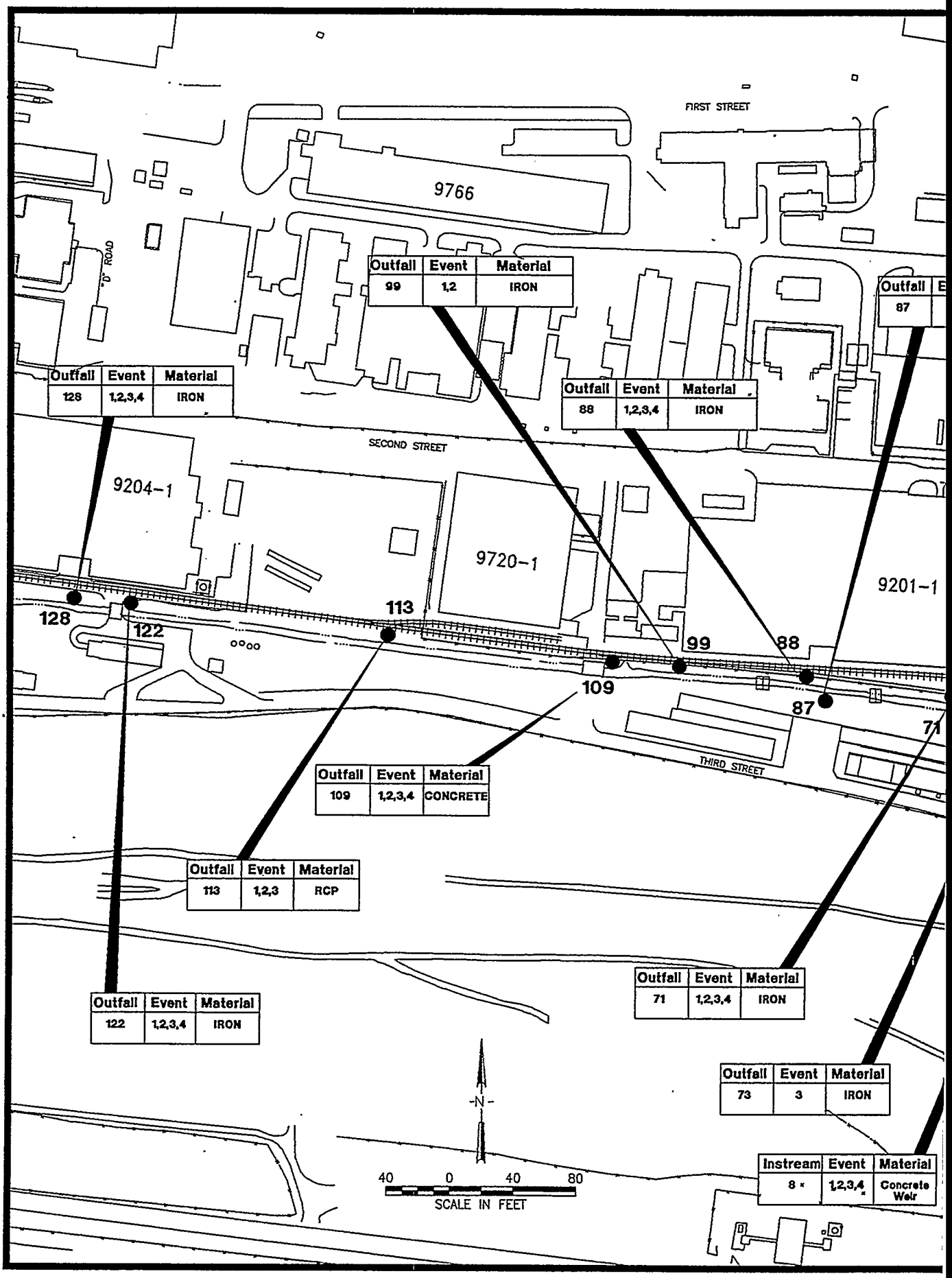



**Fig. 3.3. Sampling locations for Outfall 21 to Outfall 128.**


FIRST STREET
9766
"D" ROAD
SECOND STREET
9204-1
9720-1
9201-1
128
122
113
99
88
109
87
71
THIRD STREET
Outfall | Event | Material
99 | 1,2 | IRON
Outfall | Event | Material
128 | 1,2,3,4 | IRON
Outfall | Event | Material
88 | 1,2,3,4 | IRON
Outfall | E
87
Outfall | Event | Material
109 | 1,2,3,4 | CONCRETE
Outfall | Event | Material
113 | 1,2,3 | RCP
Outfall | Event | Material
122 | 1,2,3,4 | IRON
Outfall | Event | Material
71 | 1,2,3,4 | IRON
Outfall | Event | Material
73 | 3 | IRON
Instream | Event | Material
8 x | 1,2,3,4 | Concrete Weir
-N-
40 0 40 80
SCALE IN FEET

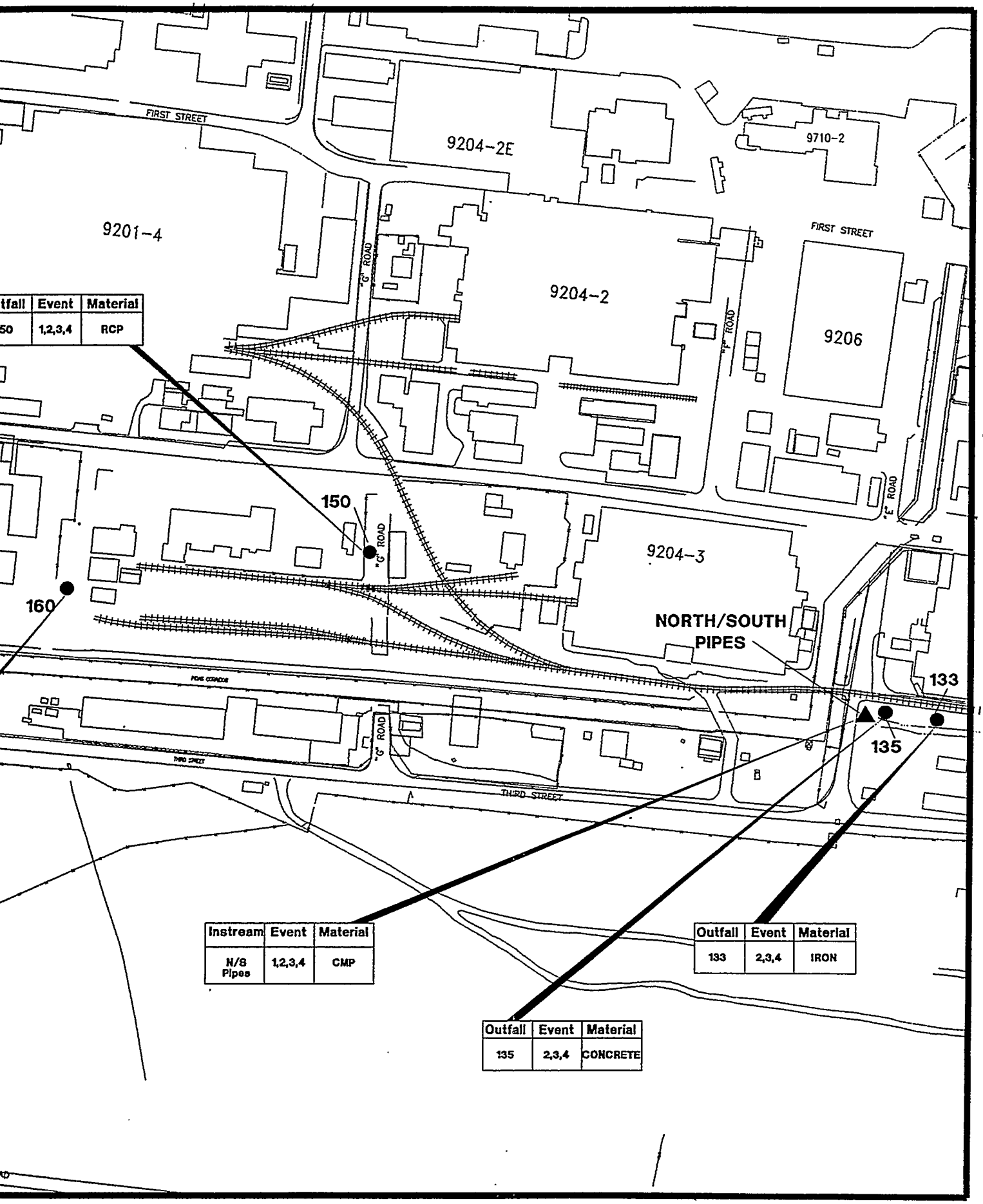
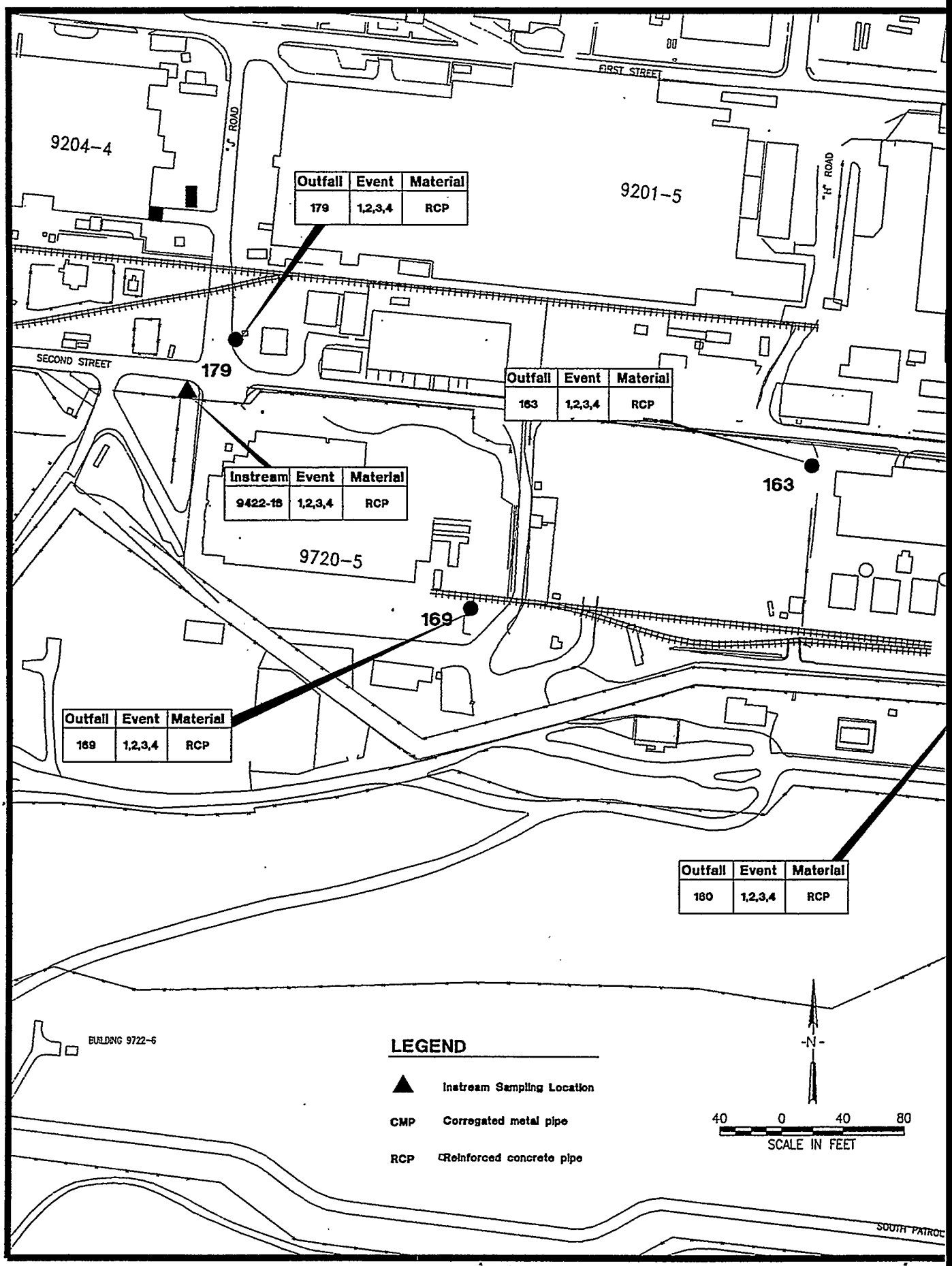



**Fig. 3.4. Sampling locations for Outfall 133 to 9422-16 SWHISS House.**


FIRST STREET
"J" ROAD
"H" ROAD
9204-4
9201-5
SECOND STREET
179
163
169
9720-5
Outfall | Event | Material
179 | 1,2,3,4 | RCP
Outfall | Event | Material
163 | 1,2,3,4 | RCP
Instream | Event | Material
9422-18 | 1,2,3,4 | RCP
Outfall | Event | Material
169 | 1,2,3,4 | RCP
Outfall | Event | Material
180 | 1,2,3,4 | RCP
BUILDING 9722-6
LEGEND
Instream Sampling Location
CMP Corregated metal pipe
RCP Reinforced concrete pipe
-N-
40 0 40 80
SCALE IN FEET
SOUTH PATROL

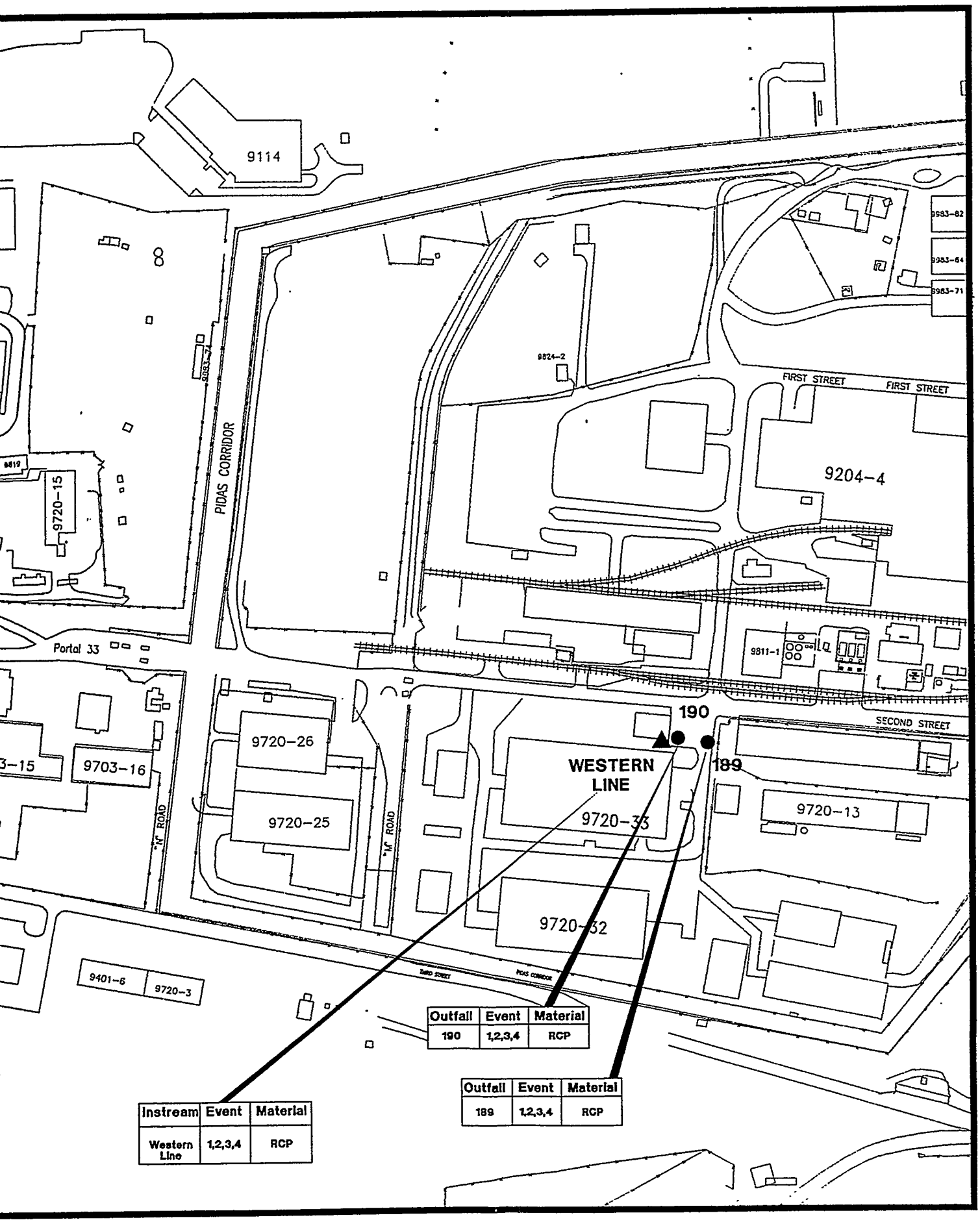
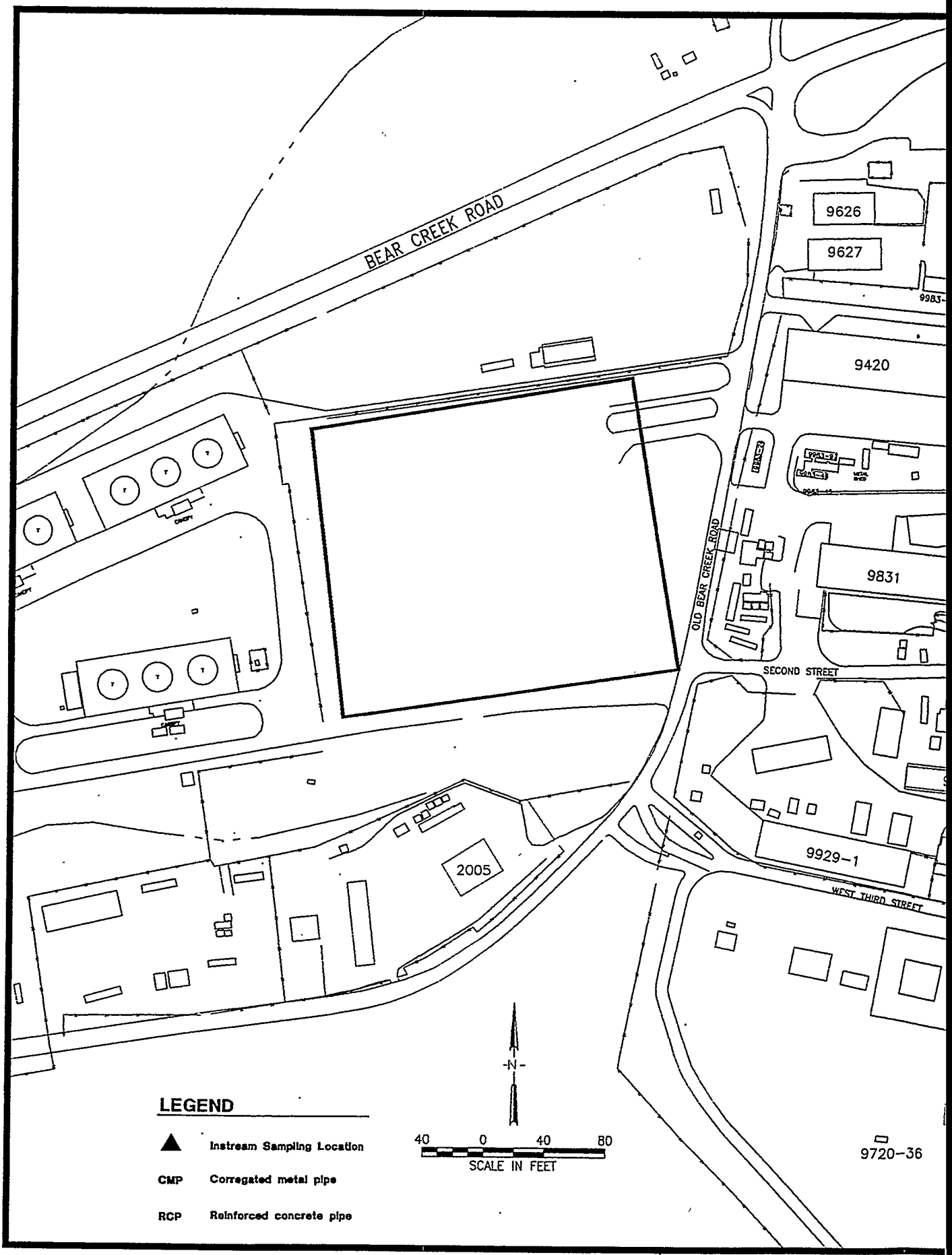



**Fig. 3.5. Sampling locations for Outfall 189 to Western Line.**


BEAR CREEK ROAD
9626
9627
9420
9831
OLD BEAR CREEK ROAD
SECOND STREET
9929-1
WEST THIRD STREET
2005
9720-36
-N-
40 0 40 80
SCALE IN FEET
LEGEND
Instream Sampling Location
CMP Corregated metal pipe
RCP Reinforced concrete pipe

# 4. SUMMARY OF SAMPLING AND ANALYSIS EVENTS

This section presents summaries of pertinent information regarding field activities compiled from the field logbooks and laboratory analyses compiled from the EDDs and Form I's in the data packages.

## 4.1 FIELD DATA SUMMARY

Table 4.1 presents a detailed summary of sample collection and various logbook entries. The table is organized chronologically starting with Event 1, Part I. All samples collected during each event, including QC samples, are presented to allow association of QC samples with the appropriate outfall samples. Notes concerning field conditions at the time of sampling are also included as is the method of flow measurement. All locations were gauged using either the area velocity method or the bucket gauge method as described in the QAPjP. At Outfall 49 flow was intermittent, and, therefore, the flow measured at the time of sampling was extrapolated to an average daily flow rate. At several other locations the flow was either low or could not be captured, so it could not be measured by either method; in these cases the flow was estimated.

Field data and flow measurement results are addressed in Sect. 5.

## 4.2 SUMMARY OF ANALYTICAL EVENTS

A table presenting a summary of information related to sample analysis is included in Appendix C. Table C.1 presents information on SDGs, sampling dates, dates samples were extracted and analyzed, as appropriate, and other pertinent information.

## Table 4.1. Summary of details of sampling events

**EVENT NAME: Event 1, Part I**

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Mens. |
|---|---|---|---|---|---|---|---|---|---|
| 7/10/93 | 07:00 | E931900012 | Cooler 1 | Trip Blank | Outfalls 52, 21 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900013 | Cooler 2 | Trip Blank | Outfall 17 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900014 | Cooler 3 | Trip Blank | Oil Skimmer AM | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900015 | Cooler 4 | Trip Blank | Outfalls 2, 21 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900016 | Cooler 5 | Trip Blank | Outfall 10 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900017 | Cooler 6 | Trip Blank | Outfall 42 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931900018 | Cooler 7 | Trip Blank | Outfall 17 | | N/A | V | N/A |
| 7/10/93 | 07:00 | E931910001 | Cooler 8 | Trip Blank | Outfall 10, OS AM | | N/A | V | N/A |
| 7/10/93 | 07:40 | E931880063 | Oil Skimmer AM | Surface Water | Oil Skimmer AM | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Area Velocity |
| 7/10/93 | 08:50 | E931880071 | Station 8 AM Day 1 | Surface Water | Station 8 AM | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Area Velocity |
| 7/10/93 | 09:10 | E931880095 | N/S Pipe AM | Surface Water | N/S Pipe AM | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/10/93 | 10:35 | E931880057 | Outfall 10 | Surface Water | Outfall 10 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 10:45 | E931880056 | Outfall 2 | Surface Water | Outfall 2 | | Suhny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 12:55 | E931880059 | Outfall 17 | Spring Water | Outfall 17 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 13:00 | E931880058 | Outfall 14 | Surface Water | Outfall 14 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 13:35 | E931880061 | Outfall 34 | Surface Water | Outfall 34 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 13:40 | E931900006 | Duplicate # 1 | Duplicate | Outfall 17 | X | N/A | F | N/A |
| 7/10/93 | 14:45 | E931880060 | Outfall 21 | Surface Water | Outfall 21 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Area Velocity |
| 7/10/93 | 15:30 | E931880062 | Outfall 42 | Surface Water | Outfall 42 | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 7/10/93 | 15:40 | E931880065 | Outfall 47 | Surface Water | Outfall 47 | | Partly cloudy, Sunny, 80-90, $H_2O$ Clear, No Odor | P | Area Velocity |
| 7/10/93 | 16:00 | E931880066 | Outfall 48 | Surface Water | Outfall 48 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Estimated |
| 7/10/93 | 16:40 | E931880067 | Outfall49 | Surface Water | Outfall 49 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/10/93 | 17:00 | E931880068 | Outfall 51 | Surface Water | Outfall 51 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Area Velocity |
| 7/10/93 | 17:15 | E931880072 | Station 8 PM Day 1 | Surface Water | Station 8 PM | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Area Velocity |
| 7/10/93 | 17:15 | E931900011 | Station 8 PM Day 1 | Duplicate #4 | Station 8 PM | X | N/A | P | N/A |
| 7/10/93 | 17:35 | E931880070 | Outfall 55 | Surface Water | Outfall 55 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/10/93 | 17:35 | E931900009 | Duplicate # 2 | Duplicate | Outfall 55 | X | N/A | P | N/A |
| 7/10/93 | 19:10 | E931880064 | Oil Skimmer PM | Surface Water | Oil Skimmer PM | | Sunny, 80-90, $H_2O$ Clear, No Odor | F | Area Velocity |
| 7/11/93 | 12:00 | E931880086 | Outfall 109 | Surface Water | Outfall 109 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 12:20 | E931880088 | Outfall 113 | Surface Water | Outfall 113 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 10:25 | E931880069 | Station 8 AM Day 2 | Surface Water | Station 8 AM | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 10:40 | E931880074 | Outfall 67 | Surface Water | Outfall 67 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 10:55 | E931880075 | Outfall 71 | Surface Water | Outfall 71 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 11:00 | E931880081 | Outfall 88 | Surface Water | Outfall 88 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 11:00 | E931920001 | Field Blank | Mob. Lab Blank | ASTM Water | | N/A | TM/DM | N/A |

## Table 4.1 (continued)

### EVENT NAME: Event 1, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 7/11/93 | 11:00 | E931920002 | Field Blank | Mob. Lab Blank | ASTM Water | | N/A | TM/DM | N/A |
| 7/11/93 | 11:25 | E931880083 | Outfall 99 | Surface Water | Outfall 99 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 13:15 | E931880090 | Outfall 122 | Surface Water | Outfall 122 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 14:00 | E931880091 | Outfall 128 | Surface Water | Outfall 128 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 14:10 | E931880094 | Outfall 135 | Surface Water | Outfall 135 | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 7/11/93 | 14:20 | E931900010 | Duplicate # 3 | Duplicate | Outfall 135 | X | N/A | P | N/A |
| 7/11/93 | 14:50 | E931880096 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Sunny, 80-90, $H_2O$ Clear, No Odor | P | Area Velocity |
| 7/11/93 | 14:55 | E931920000 | Equip. Rinseate | Mob. Lab Blank | Filter | | N/A | DMAW | N/A |

### EVENT NAME: Event 1, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 8/14/93 | 06:45 | E932230060 | Dup. # 1 - TB for Dup. #1 | Trip Blank | Western Line (ASTM Water) | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230062 | Outfall 150 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230063 | Outfall 163 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230064 | Outfall 160 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230065 | Outfall 169 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230066 | Outfall 179 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230067 | 9422-16 SWHISS House | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230068 | Outfall 189 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230069 | Outfall 190 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230070 | Western Line | Trip Blank | ASTM Water | | N/A | V | Area Velocity |
| 8/14/93 | 06:45 | E932230071 | N/S Pipe AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932230072 | N/S Pipe PM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 06:45 | E932250007 | TB for FB | Trip Blank | ASTM Water | | N/A | V | N/A |
| 8/14/93 | 08:15 | E932230058 | N/S Pipe AM | Surface Water | N/S Pipe AM | | Overcast | F | Area Velocity |
| 8/14/93 | 09:50 | E932230054 | 9422-16 SWHISS House | Surface Water | 9422-16 SWHISS House | | Warming | F | Bucket Gauge |
| 8/14/93 | 20:35 | E932250008 | Dup. # 2 - TB for Dup. #2 | Duplicate | Outfall 150 | | N/A | V | N/A |
| 8/14/93 | 10:45 | E932230053 | Outfall 179 | Surface Water | Outfall 179 | | Warming | F | Area Velocity |
| 8/14/93 | 11:50 | E932230057 | Western Line | Surface Water | Western Line | | Warming | F | Area Velocity |
| 8/14/93 | 11:50 | E932230073 | Duplicate # 1 | Duplicate | Western Line | | N/A | F | N/A |
| 8/14/93 | 13:10 | E932230056 | Outfall 190 | Surface Water | Outfall 190 | | Hot/Muggy | F | Estimated |
| 8/14/93 | 15:45 | E932230055 | Outfall 189 | Surface Water | Outfall 189 | X | Hot/Muggy | F | Area Velocity |
| 8/14/93 | 16:10 | E932250027 | Equip. Rinseate | Mob. Lab Blank | Filter | | N/A | DMA | N/A |
| 8/14/93 | 16:15 | E932250026 | Field Blank | Field Blank | ASTM Water | | N/A | F | N/A |
| 8/14/93 | 16:45 | E932230052 | Outfall 169 | Surface Water | Outfall 169 | | Hot/Muggy | F | Bucket Gauge |

## Table 4.1 (continued)

### EVENT NAME: Event 1, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 8/14/93 | 17:35 | E932230050 | Outfall 163 | Surface Water | Outfall 163 | | Warm | F | Area Velocity |
| 8/14/93 | 18:55 | E932230051 | Outfall 160 | Surface Water | Outfall 160 | | Warm | F | Area Velocity |
| 8/14/93 | 20:15 | E932230049 | Outfall 150 | Surface Water | Outfall 150 | X | Sundown | F | Area Velocity |
| 8/14/93 | 20:35 | E932230061 | Duplicate # 2 | Duplicate | Outfall 150 | | N/A | F | N/A |
| 8/14/93 | 21:10 | E932230059 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Dark/Mild | F | Area Velocity |

### EVENT NAME: Event 2, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 9/13/93 | 07:45 | E932550002 | Station 8 AM Day 1 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550003 | Station 8 PM Day 1 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550004 | Outfall 47 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550005 | Outfall 48 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550007 | Outfall 51 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550008 | Outfall 54 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550009 | Outfall 55 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550010 | Outfall 67 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550012 | TB for Dup #1 | Trip Blank | Outfall 51 (ASTM Water) | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550013 | TB for ER | TB for ER | Pump (ISCO) | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932550014 | Oil Skimmer PM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932560000 | Oil Skimmer AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:45 | E932570057 | Outfall 71 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/13/93 | 07:50 | E932540011 | Oil Skimmer AM | Surface Water | Oil Skimmer AM | | Sunny & Mild | S | Area Velocity |
| 9/13/93 | 08:20 | E932550016 | Equip. Rinse | Mob. Lab Blank | ASTM Water | | N/A | DMA | N/A |
| 9/13/93 | 13:20 | E932540001 | Station 8 AM Day 1 | Surface Water | Station 8 AM | | Sunny & Mild, $H_20$ Clear, No Odor | F | Area Velocity |
| 9/13/93 | 08:45 | E932540003 | Outfall 47 | Surface Water | Outfall 47 | | Sunny & Mild | F | Area Velocity |
| 9/13/93 | 09:55 | E932540026 | Outfall 10 | Surface Water | Outfall 10 | | Sunny & Mild, 70-80, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/13/93 | 10:05 | E932540027 | Outfall 14 | Surface Water | Outfall 14 | | Sunny & Mild, 70-80, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/13/93 | 10:55 | E932540028 | Outfall 17 | Spring Water | Outfall 17 | | Sunny & Mild, 70-80, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/13/93 | 11:05 | E932540029 | Outfall 21 | Surface Water | Outfall 21 | | Sunny & Mild | P | Bucket Gauge |
| 9/13/93 | 11:36 | E932550017 | Duplicate #2 | Duplicate | Outfall 21 | | Sunny & Mild | P | N/A |
| 9/13/93 | 12:11 | E932540032 | Outfall 34 | Surface Water | Outfall 34 | X | Sunny & Mild | P | Bucket Gauge |
| 9/13/93 | 12:38 | E932550024 | Outfall 42 | Surface Water | Outfall 42 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/13/93 | 13:15 | E932540005 | Outfall 49 | Surface Water | Outfall 49 | X | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | F | Bucket Gauge |
| 9/13/93 | 13:55 | E932540006 | Outfall 51 | Surface Water | Outfall 51 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | F | Area Velocity |
| 9/13/93 | 13:55 | E932540007 | Outfall 54 | Surface Water | Outfall 54 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | F | Bucket Gauge |

## Table 4.1 (continued)

### EVENT NAME: Event 2, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 9/13/93 | 13:55 | E932550020 | Duplicate # 1 | Duplicate | Outfall 51 | | Sunny & Mild | F | N/A |
| 9/13/93 | 14:30 | E932550021 | Equip. Rinse | Equip. Rinse | Pump | | N/A | F | N/A |
| 9/13/93 | 15:15 | E932540004 | Outfall 48 | Surface Water | Outfall 48 | | Sunny & Mild | F | Estimated |
| 9/13/93 | 15:31 | E932540008 | Outfall 55 | Surface Water | Outfall 55 | | Sunny & Mild, 80-90 | F | Bucket Gauge |
| 9/13/93 | 16:00 | E932540002 | Station 8 PM Day 1 | Surface Water | Station 8 PM | | Sunny & Mild | F | Area Velocity |
| 9/13/93 | 16:15 | E932540012 | Oil Skimmer PM | Surface Water | Oil Skimmer PM | | Sunny & Mild, 80-90, $H_20$ Clear, Some Odor | S | Area Velocity |
| 9/14/93 | 07:55 | E932550022 | Station 8 AM Day 2 | Surface Water | Station 8 AM | | Evening Showers, 60-70, $H_20$ Clear, No Odor | P | Area Velocity |
| 9/14/93 | 08:15 | E932540023 | N/S Pipe AM | Surface Water | N/S Pipe AM | | Sunny, 60-70, $H_20$ Clear, No Odor | P | Area Velocity |
| 9/14/93 | 08:45 | E932570004 | N/S Pipe AM | Trip Blank | ASTM Water | | N/A | V | Bucket Gauge |
| 9/13/93 | 09:15 | E932540025 | Outfall 2 | Surface Water | Outfall 2 | | Sunny & Mild | P | Bucket Gauge |
| 9/14/93 | 09:11 | E932540009 | Outfall 67 | Surface Water | Outfall 67 | | Sunny & Mild, 70-80, $H_20$ Clear, No Odor | F | Bucket Gauge |
| 9/14/93 | 09:45 | E932540015 | Outfall 88 | Surface Water | Outfall 88 | X | Sunny & Mild, 70-80, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/14/93 | 09:48 | E932540010 | Outfall 71 | Surface Water | Outfall 71 | | Sunny & Mild | F | Bucket Gauge |
| 9/14/93 | 10:25 | E932540016 | Outfall 99 | Surface Water | Outfall 99 | | Sunny & Mild | P | Bucket Gauge |
| 9/14/93 | 10:35 | E932540017 | Outfall 109 | Surface Water | Outfall 109 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/14/93 | 10:35 | E932550018 | Duplicate #3 | Duplicate | Outfall 109 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/14/93 | 11:05 | E932540019 | Outfall 122 | Surface Water | Outfall 122 | | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/14/93 | 11:06 | E932540018 | Outfall 113 | Surface Water | Outfall 113 | | Evening Showers | P | Bucket Gauge |
| 9/14/93 | 07:45 | E932550006 | Outfall 49 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 9/14/93 | 11:20 | E932570006 | Field Blank | Field Blank | ASTM Water | | N/A | F | N/A |
| 9/14/93 | 13:25 | E932540020 | Outfall 128 | Surface Water | Outfall 128 | X | Sunny & Mild, 80-90, $H_20$ Clear, No Odor | P | Bucket Gauge |
| 9/14/93 | 13:47 | E932540022 | Outfall 135 | Surface Water | Outfall 135 | | Sunny & Mild | P | Bucket Gauge |
| 9/14/93 | 13:55 | E932540024 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Sunny & Mild, 80-90 | P | Area Velocity |
| 9/14/93 | 13:55 | E932550019 | Duplicate # 4 | Duplicate | N/S Pipe PM | | Sunny & Mild | P | N/A |
| 9/14/93 | 14:38 | E932550023 | Station 8 PM Day 2 | Surface Water | Station 8 PM | | Sunny & Mild | P | Area Velocity |

### EVENT NAME: Event 2, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 10/4/93 | 07:11 | E932750017 | Equip. Rinse #1 | Equip. Rinse | Pump | | N/A | F | N/A |
| 10/4/93 | 06:45 | E932750010 | N/S Pipe PM | Trip Blank #11 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 19:10 | E932750030 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Sunny 60'S, $H_2O$ Clear, No Odor, Live Fish | F | Area Velocity |
| 10/4/93 | 06:45 | E932750000 | N/S Pipe AM | Trip Blank #1 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 06:45 | E932750005 | Outfall 179 | Trip Blank #6 | Outfall 179 | | N/A | V | N/A |
| 10/4/93 | 06:45 | E932750011 | TB for Equip. Rinseate #1 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 06:45 | E932750012 | TB for FB | Trip Blank #13 | ASTM Water | | N/A | V | N/A |

## Table 4.1 (continued)

### EVENT NAME: Event 2, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 10/4/93 | 09:55 | E932750013 | TB for Duplicate # 1 | Trip Blank #14 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 06:45 | E932750014 | TB for Outfall 160, Dup. #2 | Trip Blank #15 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 10:55 | E932750015 | Duplicate # 1 | Duplicate | 9422-16 SWHISS House | | Sunny 50'S, $H_2O$ Clear | F | N/A |
| 10/4/93 | 09:05 | E932750020 | N/S Pipe AM | Surface Water | N/S Pipe AM | | Foggy 40's, $H_2O$ Clear, No Odor | F | Area Velocity |
| 10/4/93 | 09:55 | E932750025 | Outfall 179 | Surface Water | Outfall 179 | | Sunny 50'S, $H_2O$ Clear | F | Area Velocity |
| 10/4/93 | 06:45 | E932750006 | 9422-16 SWHISS House | Trip Blank #7 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 10:55 | E932750026 | 9422-16 SWHISS House | Surface Water | 9422-16 SWHISS House | | Sunny 60'S, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 10/4/93 | 06:45 | E932750009 | Western Line | Trip Blank #10 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 13:15 | E932750029 | Western Line | Surface Water | Western Line | | Sunny 70'S, $H_2O$ Clear, No Odor | F | Area Velocity |
| 10/4/93 | 13:55 | E932750008 | Outfall 190 | Trip Blank #9 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 13:55 | E932750028 | Outfall 190 | Surface Water | Outfall 190 | | Sunny 70'S, $H_2O$ Cloudy, Odor | F | Estimated |
| 10/4/93 | 06:45 | E932750007 | Outfall 189 | Trip Blank #8 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 14:45 | E932750027 | Outfall 189 | Surface Water | Outfall 189 | X | $H_2O$ Looks Soapy, Odor, Sunny 80's | F | Area Velocity |
| 10/4/93 | 06:45 | E932750004 | Outfall 169 | Trip Blank #5 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 15:30 | E932750024 | Outfall 169 | Surface Water | Outfall 169 | | Sunny 80'S, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 10/4/93 | 15:45 | E932750019 | Equip. Blank #2 | Mob. Lab Blank | Filter | | N/A | DMA | N/A |
| 10/4/93 | 06:45 | E932750003 | Outfall 163 | Trip Blank #4 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 16:10 | E932750023 | Outfall 163 | Surface Water | Outfall 163 | | Sunny 80'S, $H_2O$ Clear, No Odor | F | Area Velocity |
| 10/4/93 | 17:00 | E932750002 | Outfall 160 | Trip Blank #3 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 17:15 | E932750016 | Duplicate # 2 | Duplicate | Outfall 160 | | Sunny 70'S | F | N/A |
| 10/4/93 | 17:00 | E932750022 | Outfall 160 | Surface Water | Outfall 160 | X | Sunny 80'S | F | Area Velocity |
| 10/4/93 | 06:45 | E932750001 | Outfall 150 | Trip Blank #2 | ASTM Water | | N/A | V | N/A |
| 10/4/93 | 18:23 | E932750021 | Outfall 150 | Surface Water | Outfall 150 | | Sunny 70'S | F | Area Velocity |
| 10/4/93 | 19:20 | E932750018 | Field Blank | Field Blank | ASTM Water | | N/A | F | N/A |

### EVENT NAME: Event 3, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 10/28/93 | 06:15 | E933000036 | Oil Skimmer AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 06:19 | E933000037 | Oil Skimmer PM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 06:30 | E932920115 | Equip. Rinse | Equip. Rinse | Pump (ISCO) | | N/A | F | N/A |
| 10/28/93 | 07:50 | E932920191 | Oil Skimmer AM | Surface Water | Oil Skimmer AM | | Cool, Sunny | S | Area Velocity |
| 10/28/93 | 08:45 | E932920187 | Station 8 AM | Surface Water | Station 8 AM | | Cool, Sunny | P | Area Velocity |
| 10/28/93 | 09:11 | E932920041 | Outfall 2 | Surface Water | Outfall 2 | | Cool, Sunny | P | Area Velocity |
| 10/28/93 | 09:25 | E932920046 | Outfall 10 | Surface Water | Outfall 10 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 14:00 | E933000030 | Outfall 49 | Surface Water | Outfall 49 | | Cool, Sunny | P | Estimated |

## Table 4.1 (continued)

**EVENT NAME: Event 3, Part I**

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 10/28/93 | 09:50 | E933000033 | Duplicate # 2 | Duplicate | Outfall 10 | | N/A | P | N/A |
| 10/28/93 | 10:19 | E932920049 | Outfall 14 | Surface Water | Outfall 14 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 10:25 | E932920050 | Outfall 17 | Spring Water | Outfall 17 | X | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 10:56 | E933000027 | Outfall 34 | Surface Water | Outfall 34 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 11:05 | E933000162 | Outfall 21 | Surface Water | Outfall 21 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 11:30 | E932920055 | Outfall 42 | Surface Water | Outfall 42 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 13:45 | E933000028 | Outfall 48 | Surface Water | Outfall 48 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 14:15 | E932920178 | Outfall 51 | Surface Water | Outfall 51 | | Cool, Sunny | P | Area Velocity |
| 10/28/93 | 14:33 | E932920057 | Outfall 47 | Surface Water | Outfall 47 | | Cool, Sunny | P | Area Velocity |
| 10/28/93 | 15:10 | E932920180 | Outfall 55 | Surface Water | Outfall 55 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 15:25 | E932920179 | Outfall 54 | Surface Water | Outfall 54 | | Cool, Sunny | P | Bucket Gauge |
| 10/28/93 | 15:25 | E933000034 | Duplicate # 3 | Duplicate | Outfall 55 | | N/A | P | N/A |
| 10/28/93 | 15:45 | E932920032 | Field Blank | Field Blank | ASTM Water | | N/A | F | N/A |
| 10/28/93 | 15:50 | E932920185 | Station 8 PM | Surface Water | Station 8 PM | | Cool, Sunny | P | Area Velocity |
| 10/28/93 | 16:35 | E932920192 | Oil Skimmer PM | Surface Water | Oil Skimmer PM | | Cool, Sunny | S | Area Velocity |
| 10/28/93 | 17:52 | E932920256 | Station 8 PM Day 2 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 17:57 | E932920258 | Outfall 113 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:02 | E932920259 | Outfall 122 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:05 | E932920260 | Outfall 128 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:06 | E932920261 | Outfall 133 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:09 | E932920257 | Outfall 109 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:11 | E932920262 | Outfall 135 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/28/93 | 18:11 | E932920263 | N/S Pipe AM Day 2 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/29/93 | 12:15 | E932920023 | Outfall 135 | Surface Water | Outfall 135 | | Cool, Sunny | F | Bucket Gauge |
| 10/29/93 | 12:15 | E932920190 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Cool, Sunny | P | Area Velocity |
| 10/29/93 | 07:31 | E933000026 | Station 8 AM Day 2 | Surface Water | Station 8 AM Day 2 | | Cool, Sunny | P | Area Velocity |
| 10/29/93 | 08:11 | E932920028 | N/S Pipe AM Day 2 | Surface Water | N/S Pipe AM | | Cool, Sunny | F | Area Velocity |
| 10/29/93 | 08:20 | E933020000 | Equip. Rinse | Mob. Lab Blank | Filter | | N/A | DMA | N/A |
| 10/29/93 | 08:55 | E932920181 | Outfall 67 | Surface Water | Outfall 67 | | Cool, Sunny | P | Bucket Gauge |
| 10/29/93 | 08:55 | E933000031 | Outfall 71 | Surface Water | Outfall 71 | X | Cool, Sunny | P | Bucket Gauge |
| 10/29/93 | 09:15 | E932920189 | Outfall 73 | Surface Water | Outfall 73 | | Cool, Sunny | P | Bucket Gauge |
| 10/29/93 | 09:05 | E933020059 | Duplicate # 4 | Duplicate | Outfall 71 | | N/A | P | N/A |
| 10/29/93 | 09:35 | E932920013 | Outfall 88 | Surface Water | Outfall 88 | | Cool, Sunny | F | Bucket Gauge |
| 10/28/93 | 17:45 | E932920254 | Outfall 88 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 10/29/93 | 09:45 | E932920016 | Outfall 109 | Surface Water | Outfall 109 | X | Cool, Sunny | F | Bucket Gauge |
| 10/29/93 | 10:25 | E932920017 | Outfall 113 | Surface Water | Outfall 113 | | Cool, Sunny | F | Bucket Gauge |

## Table 4.1 (continued)

### EVENT NAME: Event 3, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 10/29/93 | 10:28 | E932920019 | Outfall 122 | Surface Water | Outfall 122 | | Cool, Sunny | F | Bucket Gauge |
| 10/29/93 | 11:15 | E932920022 | Outfall 128 | Surface Water | Outfall 128 | X | Cool, Sunny | F | Bucket Gauge |
| 10/29/93 | 11:25 | E932920030 | Duplicate # 1 | Duplicate | Outfall 128 | | N/A | F | N/A |
| 10/29/93 | 11:35 | E932920026 | Outfall 133 | Surface Water | Outfall 133 | | Cool, Sunny | F | Bucket Gauge |
| 10/29/93 | 12:55 | E932920015 | Station 8 PM | Surface Water | Station 8 PM | | Cool, Sunny | F | Area Velocity |

### EVENT NAME: Event 3, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 11/11/93 | 12:38 | E933080198 | Western Line | Surface Water | Western Line | | Sunny 50'S | F | Area Velocity |
| 11/11/93 | 06:18 | E933080213 | Western Line | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 06:21 | E933100094 | TB for Duplicate # 1 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 06:28 | E933100096 | TB of ER | Trip Blank | Pump (ASTM Water) | | N/A | V | N/A |
| 11/11/93 | 06:31 | E933080201 | Equip. Rinse | Equip. Rinse | Pump (ISCO) | | N/A | F | N/A |
| 11/11/93 | 06:48 | E933100095 | TB for Duplicate # 2 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 08:15 | E933080188 | N/S Pipe AM | Surface Water | N/S Pipe AM | X | $H_2O$ Clear, No Odor, Live Fish | F | Area Velocity |
| 11/11/93 | 08:33 | E933080199 | Duplicate #1 | Duplicate | N/S Pipe AM | | Sunny 30'S, $H_2O$ Clear, No Odor | F | N/A |
| 11/11/93 | 06:38 | E933080203 | N/S Pipe AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 09:15 | E933080194 | Outfall 179 | Surface Water | Outfall 179 | | Sunny 30'S, $H_2O$ Clear, No Odor | F | Area Velocity |
| 11/11/93 | 09:15 | E933080196 | Outfall 189 | Surface Water | Outfall 189 | | Sunny 40'S | F | Area Velocity |
| 11/11/93 | 07:02 | E933080209 | Outfall 179 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 06:52 | E933080211 | Outfall 189 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 10:00 | E933080195 | 9422-16 SWHISS House | Surface Water | 9422-16 SWHISS House | | Sunny 50'S | F | Bucket Gauge |
| 11/11/93 | 07:09 | E933080210 | 9422-16 SWHISS House | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 11:11 | E933080202 | Field Blank | Field Blank | ASTM Water | | N/A | F | N/A |
| 11/11/93 | 11:11 | E933100097 | TB for FB | TB for FB | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 13:15 | E933080197 | Outfall 190 | Surface Water | Outfall 190 | | Sunny 50'S, $H_2O$ Clear, No Odor | F | Estimated |
| 11/11/93 | 06:31 | E933080212 | Outfall 190 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 13:40 | E933100093 | Equip. Rinse | Mobile Lab Blank | Filter | | N/A | DMA | N/A |
| 11/11/93 | 14:11 | E933080193 | Outfall 169 | Surface Water | Outfall 169 | | Sunny 50'S, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 11/11/93 | 07:00 | E933080208 | Outfall 169 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 14:55 | E933080192 | Outfall 163 | Surface Water | Outfall 163 | X | Sunny 50'S | F | Area Velocity |
| 11/11/93 | 06:55 | E933080207 | Outfall 163 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 15:11 | E933080200 | Duplicate # 2 | Duplicate | Outfall 163 | | Sunny 50'S | F | N/A |
| 11/11/93 | 16:11 | E933080191 | Outfall 160 | Surface Water | Outfall 160 | | Sunny 50'S | F | Area Velocity |
| 11/11/93 | 07:13 | E933080206 | Outfall 160 | Trip Blank | ASTM Water | | N/A | V | N/A |

## Table 4.1 (continued)

### EVENT NAME: Event 3, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 11/11/93 | 16:55 | E933080190 | Outfall 150 | Surface Water | Outfall 150 | | Sunny 50'S, Dusk | F | Area Velocity |
| 11/11/93 | 07:16 | E933080205 | Outfall 150 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 11/11/93 | 17:45 | E933080189 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Dark 40'S, $H_2O$ Clear, No Odor | F | Area Velocity |
| 11/11/93 | 06:59 | E933080204 | N/S Pipe PM | Trip Blank | ASTM Water | | N/A | V | N/A |

### EVENT NAME: Event 4, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 12/7/93 | 15:58 | E933200203 | N/S Pipe PM | Surface Water | N/S Pipe PM | | Sunny, $H_2O$ Clear, No Odor | P | Area Velocity |
| 12/7/93 | 07:40 | E933200178 | Outfall 2 | Surface Water | Outfall 2 | | Sunny, $H_2O$ Clear, No Odor, 30's | P | Bucket Gauge |
| 12/7/93 | 07:42 | E933200084 | Oil Skimmer AM | Surface Water | Oil Skimmer AM | X | Sunny, $H_2O$ Clear, No Odor | S | Area Velocity |
| 12/7/93 | 07:42 | E933200091 | Oil Skimmer AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 07:55 | E933200206 | Duplicate # 1 | Duplicate | Outfall 2 | | Sunny, $H_2O$ Clear, No Odor, 30's | P | Bucket Gauge |
| 12/7/93 | 08:25 | E933200177 | N/S Pipe AM | Surface Water | N/S Pipe AM | | Sunny, $H_2O$ Clear, No Odor | PV | Area Velocity |
| 12/7/93 | 08:35 | E933200180 | Outfall 14 | Surface Water | Outfall 14 | | Sunny, $H_2O$ Clear, No Odor, 30's | P | Bucket Gauge |
| 12/7/93 | 09:00 | E933200181 | Outfall 17 | Spring Water | Outfall 17 | | Sunny, $H_2O$ Clear, No Odor, 30's | P | Bucket Gauge |
| 12/7/93 | 09:15 | E933200179 | Outfall 10 | Surface Water | Outfall 10 | | Sunny, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 12/7/93 | 09:35 | E933200183 | Outfall 34 | Surface Water | Outfall 34 | | Sunny, $H_2O$ Clear, No Odor, 30's | P | Bucket Gauge |
| 12/7/93 | 09:55 | E933200182 | Outfall 21 | Surface Water | Outfall 21 | | Sunny, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 12/7/93 | 15:55 | E933200202 | Outfall 135 | Surface Water | Outfall 135 | | Sunny, $H_2O$ Clear, No Odor, 50's | P | Bucket Gauge |
| 12/7/93 | 10:20 | E933200188 | Outfall 51 | Surface Water | Outfall 51 | | Sunny, $H_2O$ Clear, No Odor, 40's, windy | P | Bucket Gauge |
| 12/7/93 | 10:22 | E933200184 | Outfall 42 | Surface Water | Outfall 42 | | Sunny, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 12/7/93 | 10:32 | E933200207 | Duplicate # 2 | Duplicate | Outfall 42 | X | N/A | P | Bucket Gauge |
| 12/7/93 | 10:45 | E933200187 | Outfall 49 | Surface Water | Outfall 49 | | Sunny, $H_2O$ Clear, No Odor, 40's, windy | P | Bucket Gauge |
| 12/7/93 | 10:55 | E933200186 | Outfall 48 | Surface Water | Outfall 48 | | Sunny, $H_2O$ Clear, No Odor | P | Bucket Gauge, Est. |
| 12/7/93 | 11:00 | E933200189 | Outfall 54 | Surface Water | Outfall 54 | | Sunny, $H_2O$ Clear, No Odor, 40's, windy | P | Bucket Gauge |
| 12/7/93 | 11:33 | E933200185 | Outfall 47 | Surface Water | Outfall 47 | | Sunny, $H_2O$ Clear, No Odor | P | Area Velocity |
| 12/7/93 | 11:40 | E933350001 | Equip. Rinse | Mob. Lab Blank | Filter | | N/A | DMA | N/A |
| 12/7/93 | 11:50 | E933200190 | Outfall 55 | Surface Water | Outfall 55 | | Sunny, $H_2O$ Clear, No Odor, 40's, windy | P | Bucket Gauge |
| 12/7/93 | 11:52 | E933200191 | Station 8 AM | Surface Water | Station 8 AM | | Sunny, $H_2O$ Clear, No Odor | P | Area Velocity |
| 12/7/93 | 13:08 | E933410028 | Outfall 33 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 13:33 | E933410027 | Outfall 33 | Surface Water | Outfall 33 | | Sunny, $H_2O$ Clear, No Odor | F | Bucket Gauge |
| 12/7/93 | 13:40 | E933200192 | Outfall 67 | Surface Water | Outfall 67 | | Sunny, $H_2O$ Clear, No Odor, 40's, windy | P | Bucket Gauge |
| 12/7/93 | 13:55 | E933200193 | Outfall 71 | Surface Water | Outfall 71 | X | Sunny, $H_2O$ Clear, No Odor | P | Bucket Gauge |
| 12/7/93 | 14:00 | E933200194 | Outfall 87 | Surface Water | Outfall 87 | | Sunny, $H_2O$ Clear, No Odor, 40's | P | Bucket Gauge |
| 12/7/93 | 14:15 | E933200197 | Outfall 109 | Surface Water | Outfall 109 | | Sunny, $H_2O$ Clear, No Odor | PV | Bucket Gauge |

## Table 4.1 (continued)

### EVENT NAME: Event 4, Part I

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 12/7/93 | 14:35 | E933200208 | Duplicate # 3 | Duplicate | Outfall 109 | X | N/A | PV | Bucket Gauge |
| 12/7/93 | 14:43 | E933200195 | Outfall 88 | Surface Water | Outfall 88 | | Sunny, $H_2O$ Clear, No Odor | PV | Bucket Gauge |
| 12/7/93 | 15:10 | E933200200 | Outfall 128 | Surface Water | Outfall 128 | | Sunny, $H_2O$ Clear, No Odor, 50's | P | Bucket Gauge |
| 12/7/93 | 15:15 | E933200214 | Field Blank | Field Blank | ASTM Water | | N/A | PV | N/A |
| 12/7/93 | 15:25 | E933200199 | Outfall 122 | Surface Water | Outfall 122 | | Sunny, $H_2O$ Clear, No Odor | PV | Bucket Gauge |
| 12/7/93 | 15:30 | E933200201 | Outfall 133 | Surface Water | Outfall 133 | | Sunny, $H_2O$ Clear, No Odor, 50's | P | Bucket Gauge |
| 12/7/93 | 16:15 | E933200204 | Equip. Rinse | Equip. Rinse | Pump (ISCO) | | N/A | PV | N/A |
| 12/7/93 | 16:31 | E933200213 | N/S Pipe AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 16:38 | E933200209 | Outfall 88 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 16:44 | E933200210 | Outfall 109 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 16:45 | E933200087 | Oil Skimmer PM | Surface Water | Oil Skimmer PM | | Sunny, $H_2O$ Clear, No Odor | S | Area Velocity |
| 12/7/93 | 17:01 | E933200092 | Oil Skimmer PM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 16:50 | E933340078 | TB for Duplicate # 3 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 16:58 | E933220148 | Equip. Rinse | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/7/93 | 17:00 | E933200212 | Outfall 122 | Trip Blank | ASTM Water | | N/A | V | N/A |

### EVENT NAME: Event 4, Part II

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 12/15/93 | 18:45 | E933430093 | Equip. Rinse | Field Rinseate | Pump (ISCO) | | N/A | F minus P/P & $Cr^{6+}$ | N/A |
| 12/16/93 | 08:05 | E933430088 | N/S Pipe AM | Surface Water | N/S Pipe AM | | $H_2O$ Clear, No Odor | F minus BNA, P/P, & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:41 | E933430103 | N/S Pipe AM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 08:59 | E933430084 | Outfall 179 | Surface Water | Outfall 179 | | $H_2O$ Clear, No Odor | F minus P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:43 | E933430099 | Outfall 179 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 09:33 | E933430085 | 9422-16 SWHISS House | Surface Water | 9422-16 SWHISS House | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Bucket Gauge |
| 12/15/93 | 18:02 | E933430100 | 9422-16 SWHISS House | Trip Blank | 9422-16 SWHISS House | | N/A | V | N/A |
| 12/16/93 | 10:15 | E933430109 | Equip. Rinse | Mob. Lab Blank | Filter | | N/A | DMAW | N/A |
| 12/16/93 | 10:45 | E933430087 | Outfall 190 | Surface Water | Outfall 190 | | $H_2O$ Clear, No Odor | F minus P/P & $Cr^{6+}$ | |
| 12/15/93 | 17:31 | E933430102 | Outfall 190 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 10:28 | E933430090 | Duplicate # 1 | Duplicate | Outfall 190 | X | $H_2O$ Clear, No Odor | F minus P/P & $Cr^{6+}$ | Estimated |
| 12/15/93 | 17:56 | E933430105 | TB for Duplicate # 1 | Trip Blank | Outfall 190 (ASTM Water) | | N/A | V | N/A |
| 12/16/93 | 12:12 | E933430094 | Western Line | Surface Water | Western Line | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 18:04 | E933480031 | Western Line | Trip Blank | Western Line | | N/A | V | N/A |
| 12/16/93 | 12:55 | E933430086 | Outfall 189 | Surface Water | Outfall 189 | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:54 | E933430101 | Outfall 189 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 15:31 | E933430083 | Outfall 169 | Surface Water | Outfall 169 | | $H_2O$ Clear, No Odor | F minus P/P & $Cr^{6+}$ | Bucket Gauge |

## Table 4.1 (continued)

**EVENT NAME: Event 4, Part II**

| Sample Date | Sample Time | Sample ID | Station ID | Sample Type | Location/Description | MS/MSD[a] | Logbook Comments | Test[b] | Flow Meas. |
|---|---|---|---|---|---|---|---|---|---|
| 12/15/93 | 17:48 | E933430098 | Outfall 169 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 15:45 | E933430091 | Duplicate # 2 | Duplicate | Outfall 169 | X | N/A | F | N/A |
| 12/15/93 | 17:59 | E933430106 | TB for Dup #2 | Trip Blank | Outfall 169 (ASTM Water) | | N/A | V | N/A |
| 12/16/93 | 15:55 | E933430092 | Field Blank | Field Blank | ASTM Water | | N/A | F minus P/P & $Cr^{6+}$ | N/A |
| 12/16/93 | 16:25 | E933430082 | Outfall 163 | Surface Water | Outfall 163 | | $H_2O$ Clear, No Odor | F minus P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:35 | E933430097 | Outfall 163 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 17:11 | E933430081 | Outfall 160 | Surface Water | Outfall 160 | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:31 | E933430096 | Outfall 160 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/15/93 | 17:28 | E933430107 | TB for Field Blank | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 17:55 | E933430080 | Outfall 150 | Surface Water | Outfall 150 | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:45 | E933430095 | Outfall 150 | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/16/93 | 18:25 | E933430089 | N/S Pipe PM | Surface Water | N/S Pipe PM | | $H_2O$ Clear, No Odor | F minus BNA, P/P & $Cr^{6+}$ | Area Velocity |
| 12/15/93 | 17:38 | E933430104 | N/S Pipe PM | Trip Blank | ASTM Water | | N/A | V | N/A |
| 12/15/93 | 17:26 | E933430108 | TB for Equip. Rinseate | Trip Blank | Pump (ISCO) | | N/A | V | N/A |

[a] MS/MSD = Matrix Spike/Matrix Spike Duplicate
[b] F = Full, P = Partial, TM = Total Metals, DM = Dissolved Metals, A = Anions, W = Wet Chemistry, V = Volatiles Only, S = Special (full minus CR-6, Biological Oxygen Demand, and Chemical Oxygen Demand)

# 5. SUMMARY OF RESULTS

## 5.1 DATA VERIFICATION AND VALIDATION

Data verification and validation are data evaluation processes that are performed to assess the quality of the data. The data verification process supplements and supports the laboratory QA/QC program by identifying aberrant data resulting from a variety of unforeseen circumstances such as sampling problems, data transformations in the laboratory, and errors in data input or transfer. Data validation is the process of screening data and accepting, rejecting, or qualifying them based on specific validation criteria.

### 5.1.1 Data Verification and Evaluation

In addition to the existing laboratory QA/QC program, a program of data evaluation based on techniques developed for the Y-12 Plant (*Data Verification and Evaluation Techniques for Groundwater Monitoring Programs*, Y/SUB/90-TK532C/2, Energy Systems 1990c) was implemented to identify aberrant data resulting from unforeseen circumstances such as sampling problems, data transformations, and data transfer or input errors. The evaluation is conducted using computer programs written in SAS™ that scan and evaluate the data for suspected abnormalities using checks based on common-sense and geochemical principles. Data evaluation included charge balance checks, comparisons of measured versus calculated conductances, of filtered versus non-filtered elemental analytical results, and of field duplicate analytical results. Discussion and results of these evaluations of the surface water data are given below.

#### 5.1.1.1 Charge balance

For a given water sample, charge balance involves summing the contribution of major anions in milliequivalents/liter, summing the contribution of major cations also in milliequivalents/liter, and comparing the totals for each. Theoretically, the sum of the anions should equal the sum of the cations in any sample, though in practice this result is seldom achieved because of unavoidable factors. However, this comparison provides an excellent check of sampling integrity and analytical accuracy. An example of this type of charge balance comparison for one of the sampling sites is shown in Fig. 5.1; it reflects excellent charge balance for the five samples (four sampling events and a duplicate) collected at Outfall 2. Figure 5.2 shows a comparison of total cations versus total anions for all 177 outfall and instream water samples collected. A regression analysis done on these data gave a slope of 1.04, very close to the theoretical value of 1 expected for a balanced charge. Charge balance for a sample may also be calculated as a relative difference, expressed as a percentage, using the following equation:

$$\frac{total\ cations - total\ anions}{total\ cations + total\ anions} \times 100$$

For the purpose of data evaluation, relative differerences in charge balance of ±20% are considered a realistic goal. Of the 177 sample sets collected, only five exceeded the ±20% goal, and most (>86%) showed charge balance differences of ≤10% (Fig. 5.3). The sample showing the

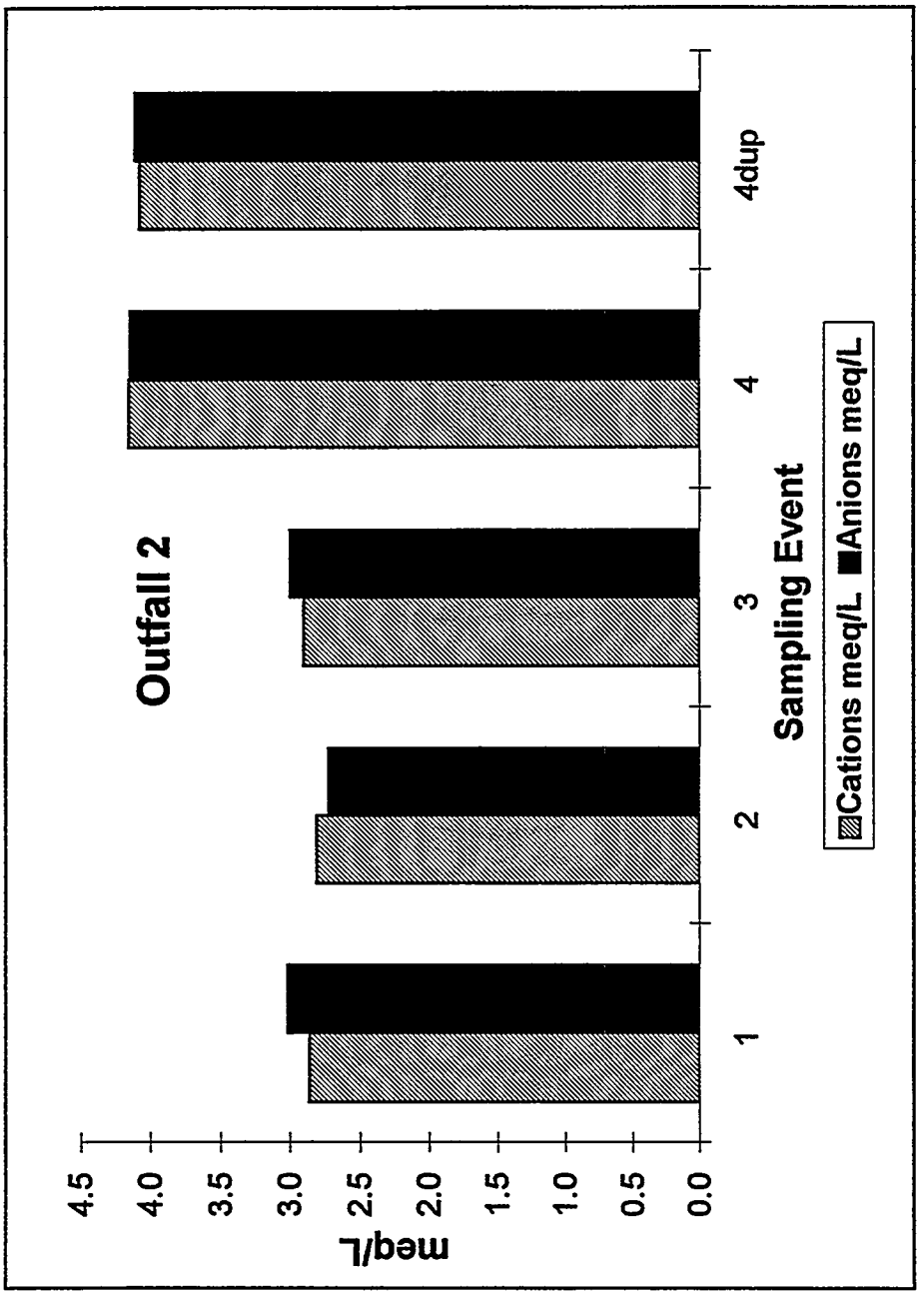



Fig. 5.1. Charge balance results.

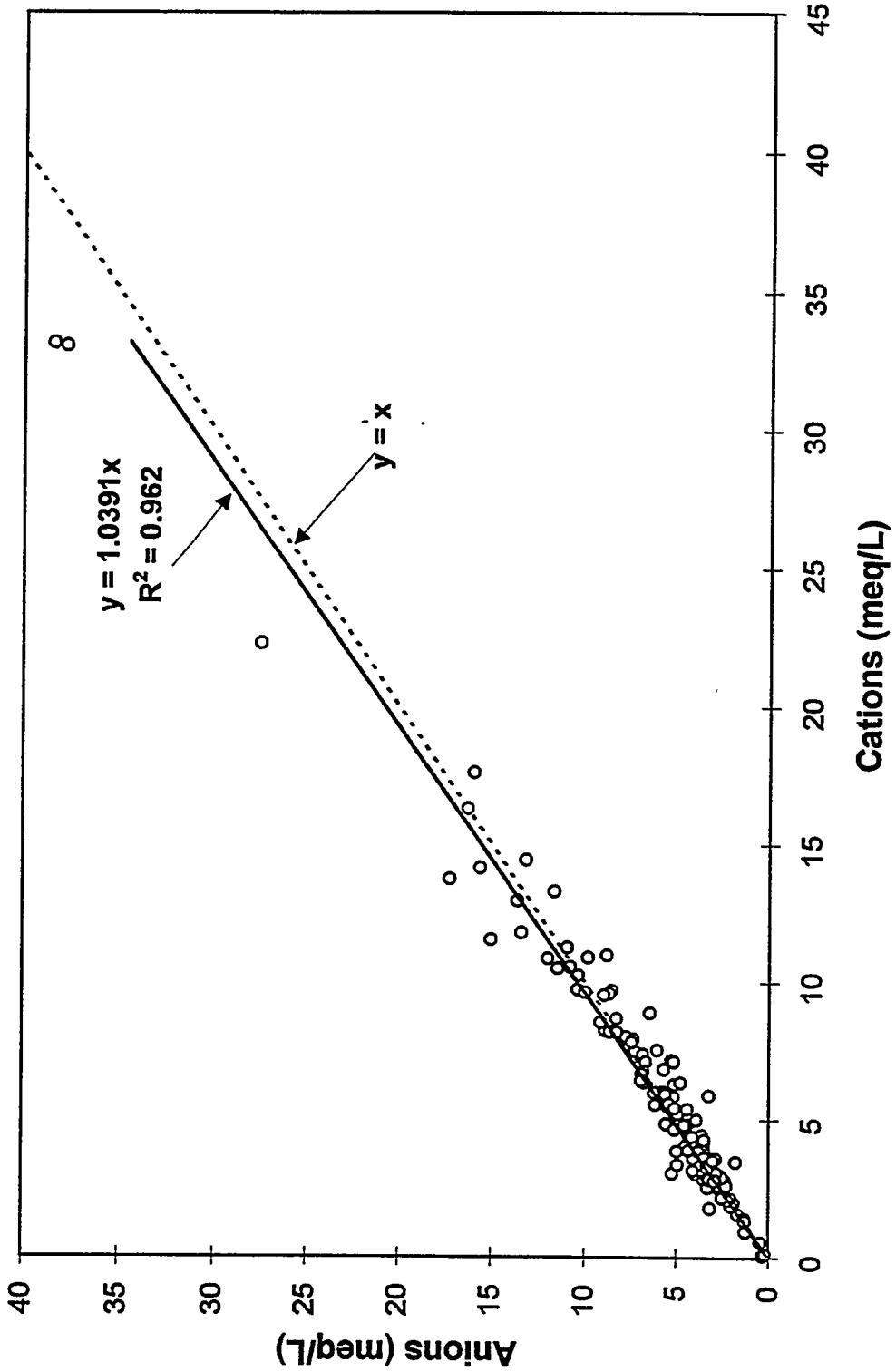



Fig. 5.2. Regression analysis of anions versus cations.

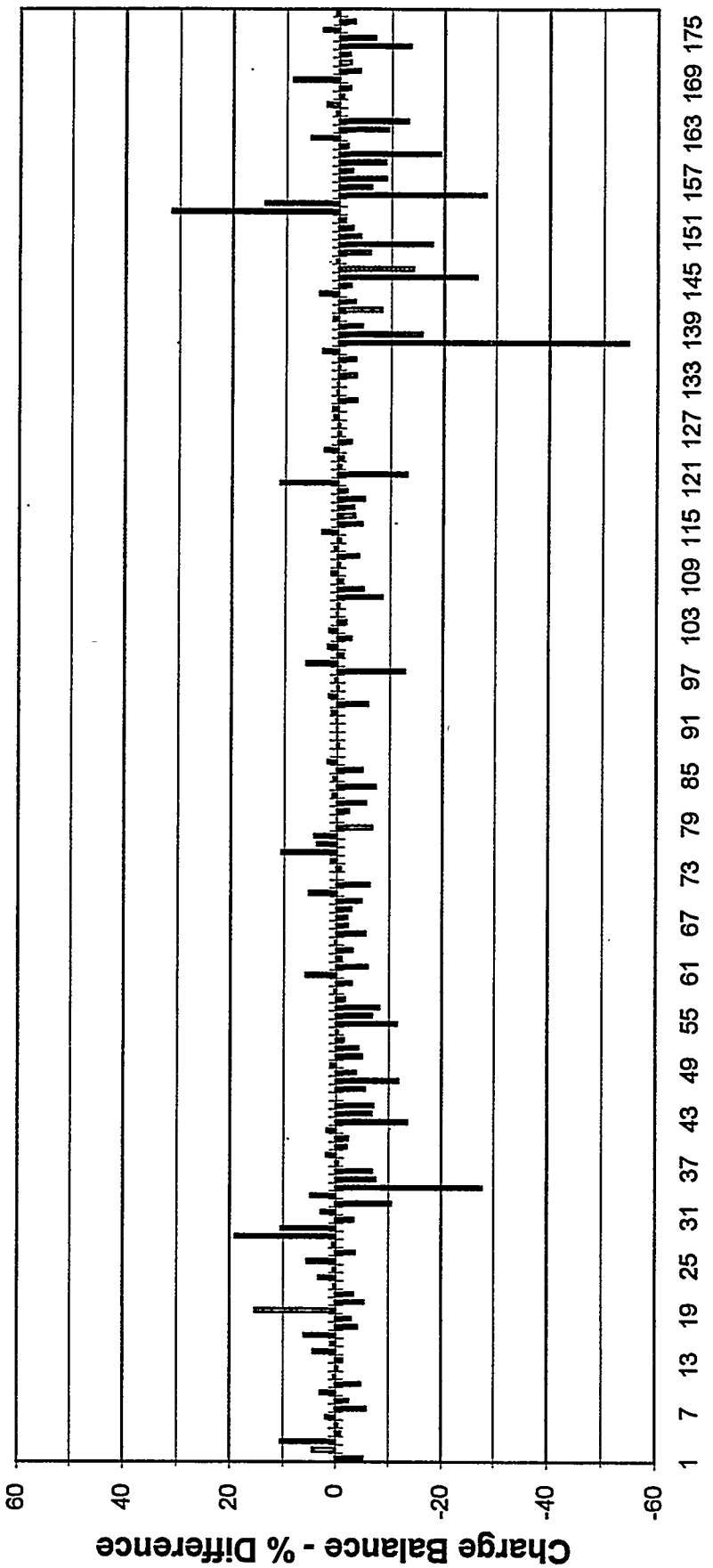



**Fig. 5.3. Charge balance differences by sample.**

highest relative charge difference (54%) was a sample with very low ionic strength, a situation in which even a small error in an analyte charge equals a large relative difference.

### 5.1.1.2 Calculated versus measured conductivity

Because of its dependency on dissolved ions, conductivity, one of the easier field parameters to measure accurately, can provide an additional internal check on the accuracy of the analysis of anions and cations in a sample as well as consistency with field readings. Using conversion factors to convert concentrations of cations and anions to electrical conductivity in µmhos/cm and summing these, a theoretical conductivity can be calculated for a water sample. A theoretical conductivity was calculated for each of the surface water samples and was then compared with the measured field conductivity (both corrected to 25°C). Figure 5.4 is a graph of the calculated versus measured conductivity for the samples and reflects good agreement between the two. A regression analysis run on these data gave an $R^2$ of 0.966 and a slope of 1.238 ( with intercept forced through zero). The solid line on the graph represents the calculated slope, which is somewhat greater than the expected slope of 1 (dotted line). This discrepancy can partially be explained by the fact that in solutions of high ionic strength, and therefore high conductivity, ion pairing occurs, nullifying the contribution of those ion pairs to the actual measured conductivity of the solution. The program for calculating conductivities does not take ion-pairing into consideration, and, therefore, calculated values greater than the actual measured ones can result.

### 5.1.1.3 Comparison of analytical results for filtered versus unfiltered samples

For each sampling site, filtered and unfiltered samples were processed and analyzed by atomic absorption (AA) or inductively coupled plasma (ICP) for a number of elemental parameters. Theoretically the filtered results for each sample (representing the concentrations of dissolved constituents) should be equal to or less than the unfiltered or total results for that sample. More than 6000 OU1 sample data pairs (filtered versus unfiltered) were checked for consistency and, if appropriate, flagged for questioning based on the guidelines provided in *Data Verification and Evaluation Techniques for Groundwater Monitoring Programs* (Energy Systems 1990c) (i.e., if a filtered result is an order of magnitude greater than the unfiltered, then it is flagged). None of the data pairs checked were flagged.

### 5.1.1.4 Comparison of analytical results for field duplicate samples

A miminum of 10% of the samples taken during each sampling event were field duplicates (i.e., independent samples taken concurrently from the same sampling site, delivered "blind" to the laboratory, and analyzed for an identical suite of parameters). Twenty-three field duplicates collected over the four sampling events were taken at outfall or instream locations and then checked for consistency between duplicates for more than 80 analytical parameters (primarily AA, ICP, and ion chromotography results). If the analytical results for duplicates differed by >25% and both results were at least five times the reporting limit for the parameter, then the results were flagged. Of the more than 2000 duplicate sets checked, fewer than 2.5% were flagged based on the criteria stated above. Figure 5.5 illustrates a comparison of duplicates analyzed for total and dissolved mercury.

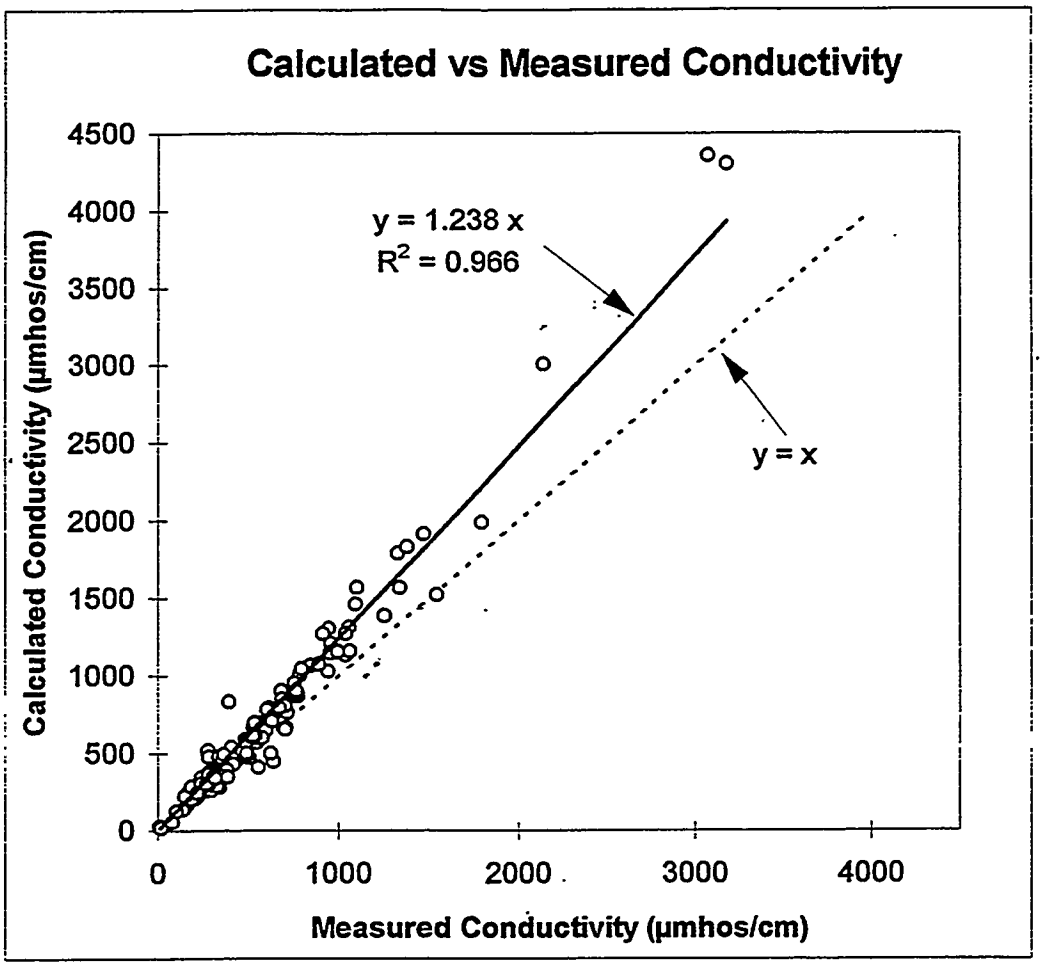



Fig. 5.4. Calculated versus measured conductivity.

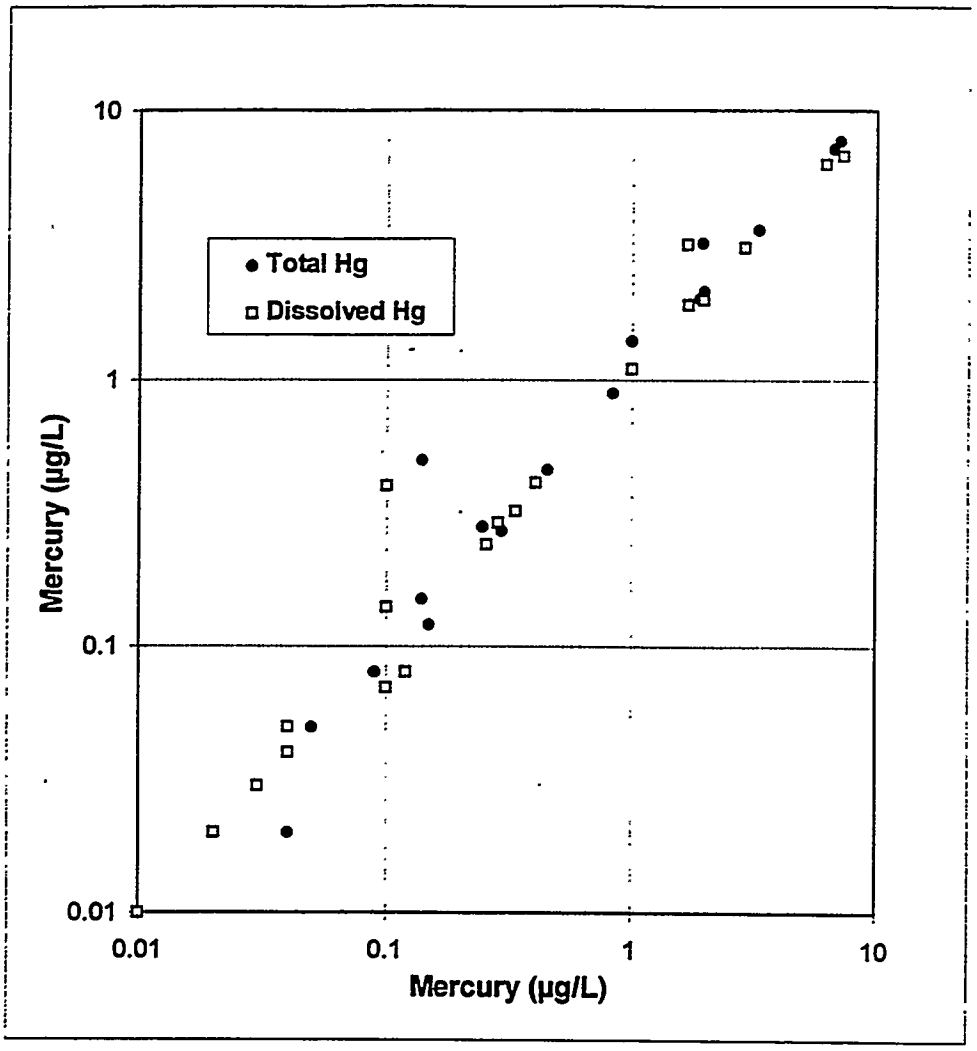



**Fig. 5.5. Comparison of duplicate results for mercury.**

### 5.1.2 Data Validation

Data validation was performed in accordance with QC requirements for the EPA methods and *Requirements for Quality Control of Analytical Data*, ES/ER/TM-16 (Energy Systems 1990d). Data were validated, as appropriate, based on holding times, initial calibration, continuing calibration, blank results, and other QC sample results. Data validation requirements for this project included preparation of Level C data packages for 90% of the samples and Level D data packages for 10% of the samples analyzed. Ten percent of the Level C data packages and all of the Level D data packages were validated by the Energy Systems' Analytical and Environmental Support Group (AESG). Samples for validation were chosen from all four events; one sample delivery group (SDG) was chosen from each event and part.

All data packages received from the laboratory were reviewed and verified to determine compliance with all project requirements. Specific points of review included:

- invalid or missing key fields (e.g., sample identification, SDG number);
- missing forms;
- invalid reporting and analysis times;
- correct reporting units;
- cross-reference to field sample and location records; and
- valid method and analysis codes.

Table 5.1 shows which samples were subject to Level D or Level C data validation requirements. The validation qualifiers and definitions are as follows:

U – The analyte was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

J – The associated value is an estimated quantity.

UJ – The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

JN – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

R – The data point is unusable. (Note: Analyte may or may not be present.)

A copy of the validator's reports is included as Appendix D. This report presents a detailed summary of problems encountered during validation and an evaluation of precision, accuracy, representativeness, completeness, and comparability. Due to the nature of the subject matter, it is very difficult to further summarize the report here. The reader is encouraged to read the report in Appendix D to understand the basis and details of the validator findings.

Overall, the data set is considered good with few rejected data. One SDG of ammonia results was rejected due to lack of calibration curves for the analyses, and all of the radium results were

**Table 5.1. Summary of samples subject to data validation**

| Event/Part | Sample delivery group number | Sample identification | Sample location | Validation level |
|---|---|---|---|---|
| Event 1, Part I | D18856 | E931880058 | Outfall 14 | D |
| | E418856 | E931880061 | Outfall 34 | D |
| | E18856 | E931880059 | Outfall 17 | D |
| | | E931900006 | Outfall 17 (duplicate) | D |
| | | E931880056 | Outfall 2 | C |
| | | E931880057 | Outfall 10 | C |
| | | E931880060 | Outfall 21/22 | C |
| | | E931880062 | Outfall 42 | C |
| | | E931880063 | Oil Skimmer AM | C |
| | | E931880064 | Oil Skimmer PM | C |
| | | E931900012 | Cooer #1 (trip blank) | C |
| | | E931900013 | Cooer #2 (trip blank) | C |
| | | E931900014 | Cooer #3 (trip blank) | C |
| | | E931900015 | Cooer #4 (trip blank) | C |
| | | E931900016 | Cooer #5 (trip blank) | C |
| | | E931900017 | Cooer #6 (trip blank) | C |
| | | E931900018 | Cooer #7 (trip blank) | C |
| | | E931910001 | Cooer #8 (trip blank) | C |
| Event 1, Part II | E22353 | E932230055 | Outfall 189 | D |
| | D22353 | E932230060 | Western Line (trip blank) | D |
| | | E932230053 | Outfall 179 | C |
| | | E932230054 | 9422-16 SWHISS House | C |
| | | E932230057 | Western Line | C |
| | | E932230058 | N/S Pipes AM | C |
| | | E932230066 | Outfall 179 (trip blank) | C |
| | | E932230067 | 9422-16 SWHISS House (trip blank) | C |
| | | E932230070 | Western Line (trip blank) | C |
| | | E932230071 | N/S Pipes AM (trip blank) | C |
| | | E932230073 | Western Line (duplicate) | C |
| | | E932230068 | Outfall 189 (trip blank) | C |
| Event 2, Part I | D25416 | E932540016 | Outfall 99 | D |
| | E25416 | E932540017 | Outfall 109 | D |
| | N25416 | E932550018 | Outfall 109 (duplicate) | D |
| | | E932540019 | Outfall 122 | D |
| | | E932540020 | Outfall 128 | C |
| | | E932540022 | Outfall 135 | C |
| | | E932540024 | N/S Pipes PM | C |
| | | E932550019 | N/S Pipes PM (duplicate) | C |
| | | E932550023 | Station 8 PM | C |
| | | E932540018 | Outfall 113 | C |
| Event 2, Part II | D27515 | E932750027 | Outfall 189 | D |
| | 27515 | E932750029 | Western Line | D |
| | E27515 | E932750015 | 9422-16 SWHISS House (duplicate) | C |
| | | E932750017 | Equipment Rinseate | C |
| | | E932750020 | N/S Pipes AM | C |
| | | E932750025 | Outfall 179 | C |
| | | E923750026 | 9422-16 SWHISS House | C |
| | | E932750028 | Outfall 190 | C |
| | | E932750000 | N/S Pipe AM (trip blank) | C |
| | | E932750005 | Outfall 179 (trip blank) | C |
| | | E932750006 | 9422-16 S/H (trip blank) | C |
| | | E932750007 | Outfall 189 (trip blank) | C |
| | | E932750008 | Outfall 190 (trip blank) | C |
| | | E932750009 | Western Line (trip blank) | C |
| | | E932750012 | Outfall 179-duplicate (trip blank) | C |
| | | E932750013 | Outfall 160-duplicate (trip blank) | C |

**Table 5.1 (continued)**

| Event/Part | Sample delivery group number | Sample identification | Sample location | Validation level |
|---|---|---|---|---|
| Event 3, Part I | 292015 | E932920026 | Outfall 133 | D |
| | D292015 | E932920030 | Outfall 128 (duplicate) | D |
| | E29015 | E932920022 | Outfall 128 | D |
| | E292015 | E932920023 | Outfall 135 | D |
| | | E932920015 | Station 8 PM | D |
| | | E932920256 | Station 8 PM (trip blank) | C |
| | | E932920260 | Outfall 128 (trip blank) | C |
| | | E932920261 | Outfall 133 (trip blank) | C |
| | | E932920262 | Outfall 135 (trip blank) | C |
| Event 3, Part II | D00050 | E933080188 | North/South Pipe AM | D |
| | 00050 | E933080194 | Outfall 179 | D |
| | E00050 | E933080195 | 9422-16 B/H | D |
| | | E933080196 | Outfall 189 | C |
| | | E933080197 | Outfall 190 | C |
| | | E933080198 | Western Line | C |
| | | E933080199 | N/S Pipes AM (duplicate) | C |
| | | E933080201 | Equipment Rinseate | C |
| | | E933080202 | Field Blank | C |
| | | E933100096 | Field Blank-ISCO (trip blank) | C |
| | | E933080203 | N/S Pipe AM (trip blank) | C |
| | | E933080209 | Outfall 179 (trip blank) | C |
| | | E933100094 | N/S Pipe Amduplicate (trip blank) | C |
| | | E933080210 | 9422-16 B/H (trip blank) | C |
| | | E933080211 | Outfall 189 (trip blank) | C |
| | | E933100097 | Field Rinseate-ASTM (trip blank) | C |
| | | E933080213 | Western Line (trip blank) | C |
| | | E933080212 | Outfall 190 (trip blank) | C |
| Event 4, Part I | E00081 | E933200084 | Oil Skimmer AM | D |
| | 00081 | E933200091 | Oil Skimmer AM (trip blank) | D |
| | D00081 | E933200177 | N/S/ Pipes AM | D |
| | T00081 | E933410028 | Outfall 33 (trip blank) | D |
| | V00081 | E933200087 | Oil Skimmer PM | C |
| | | E933200092 | Oil Skimmer PM (trip blank) | C |
| | | E933200195 | Outfall 88 | C |
| | | E933200197 | Outfall 109 | C |
| | | E933200209 | Outfall 88 (trip blank) | C |
| | | E933200210 | Outfall 109 (trip blank) | C |
| | | E933410027 | Outfall 33 | C |
| | | E933220213 | N/S Pipes AM (trip blank) | C |
| Event 4, Part II | E00124 | E933430084 | Outfall 179 | D |
| | D00124 | E933430087 | Outfall 190 | D |
| | | E933430082 | Outfall 163 | D |
| | | E933430083 | Outfall 169 | C |
| | | E933430090 | Outfall 190 (duplicate) | C |
| | | E933430092 | Field Blank | C |
| | | E933430093 | Equipment Rinseate | C |
| | | E933430097 | Outfall 163 (trip blank) | C |
| | | E933430098 | Outfall 169 (trip blank) | C |
| | | E933430099 | Outfall 179 (trip blank) | C |
| | | E933430105 | Outfall 190 (duplicate-trip blank) | C |
| | | E933430107 | Equipment Rinseate (trip blank) | C |
| | | E933430108 | Field Blank-ISCO (trip blank) | C |
| | | E933430102 | Outfall 190 (trip blank) | C |

rejected due to initial calibration data problems and for other reasons. Various other parameters were qualified as estimated detected "J" or estimated nondetected "UJ" as described in detail in the validator's report. For the purpose of the UEFPC RI, all data except rejected data are considered usable for characterization and risk assessment, and, therefore, a vast majority of the data are usable for the intended purpose. There are a total of 37,210 results in the data set, of which 497 results were qualified as "J"; 967 results were qualified as "R"; 186 results were qualified as "U"; and 767 results were qualified as "UJ".

The validator's report notes qualifications based on NPDES requirements that would not be qualification under CLP guidelines. For purposes of the RI, under CERCLA these qualifications will be disregarded. Given this consideration, the overall completeness of the data set exceeds the 90% data quality objective.

## 5.2 ANALYTICAL RESULTS

Results for a number of known contaminants of concern for UEFPC (i.e., mercury, uranium, nitrates, and chlorides) were analyzed, and the results are depicted graphically in Figs. 5.6 through 5.9. Each figure shows average flow, average concentration, average load in grams per day, and the percent of total load for each outfall.

Tables presenting the results of analyses for all events at each outfall are included in Appendix E. Approximately 20% of the results were subject to data validation; however, all outfall results were subject to data verification and evaluation.

## 5.3 FIELD DATA RESULTS

A table summarizing the field data is included in Appendix E. These data include the results of field measurements, including pH, temperature, conductivity, total residual chlorine, and the flow at each outfall in gallons per minute.

## 5.4 CLIMATOLOGICAL DATA

A summary of climatological data related to the dry weather sampling events is shown in Table 5.2. Local climatological data presented in Table 5.2 were obtained from the National Oceanic and Atmospheric Administration station in Oak Ridge, which is less than a half mile from the Y-12 Plant on the other side of Pine Ridge. In addition, a rain gauge was located at the Y-12 laboratory; each morning before sampling was initiated it was checked for site-specific information. Rainfall occurred close to the sampling dates on December 5, 1993, and December 15, 1993. Even though rainfall ending on December 5, 1993, was not within the 24-hour dry period criterion, there was a significant amount of rainfall and, therefore, a special analysis was performed to evaluate stream stage before sampling. Additional discussion of this event is included in Sect. 5.5.2.

The rainfall on December 15, 1993, ended just within the 24-hour dry period and had occurred at a relatively low steady rate. A decision was made to proceed as planned given the small amount of rainfall.

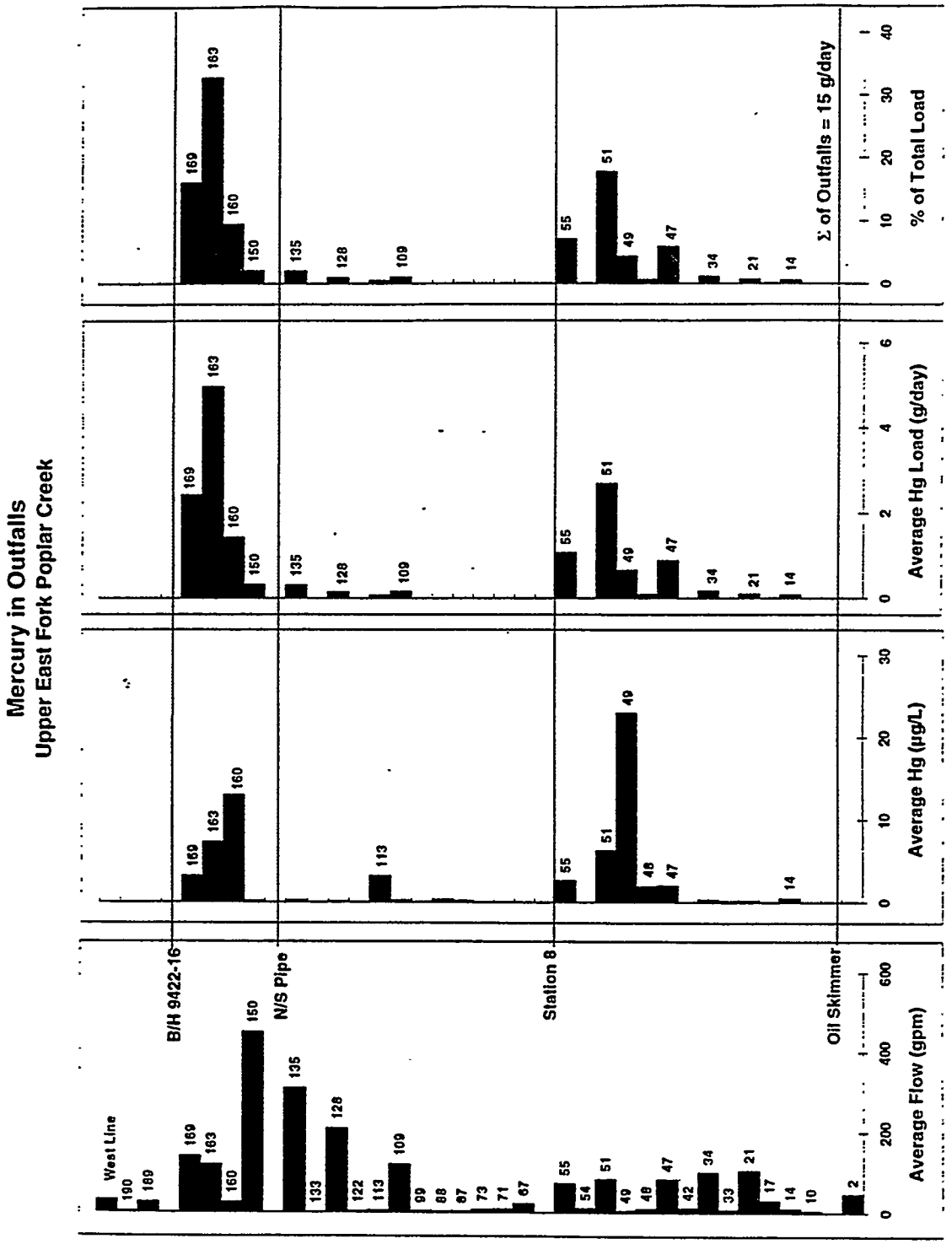



**Fig. 5.6. Mercury in outfalls.**

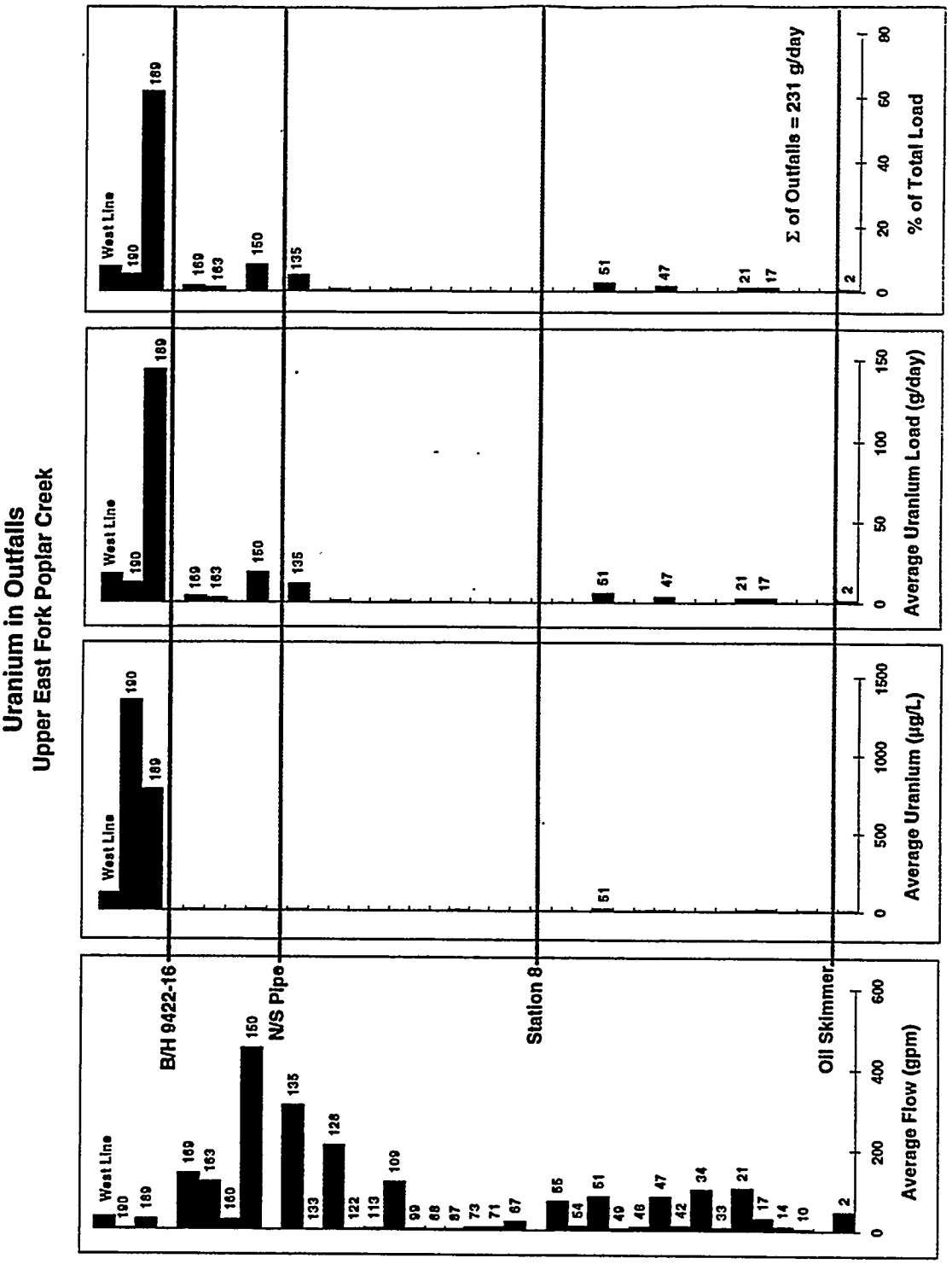



Fig. 5.7. Uranium in outfalls.

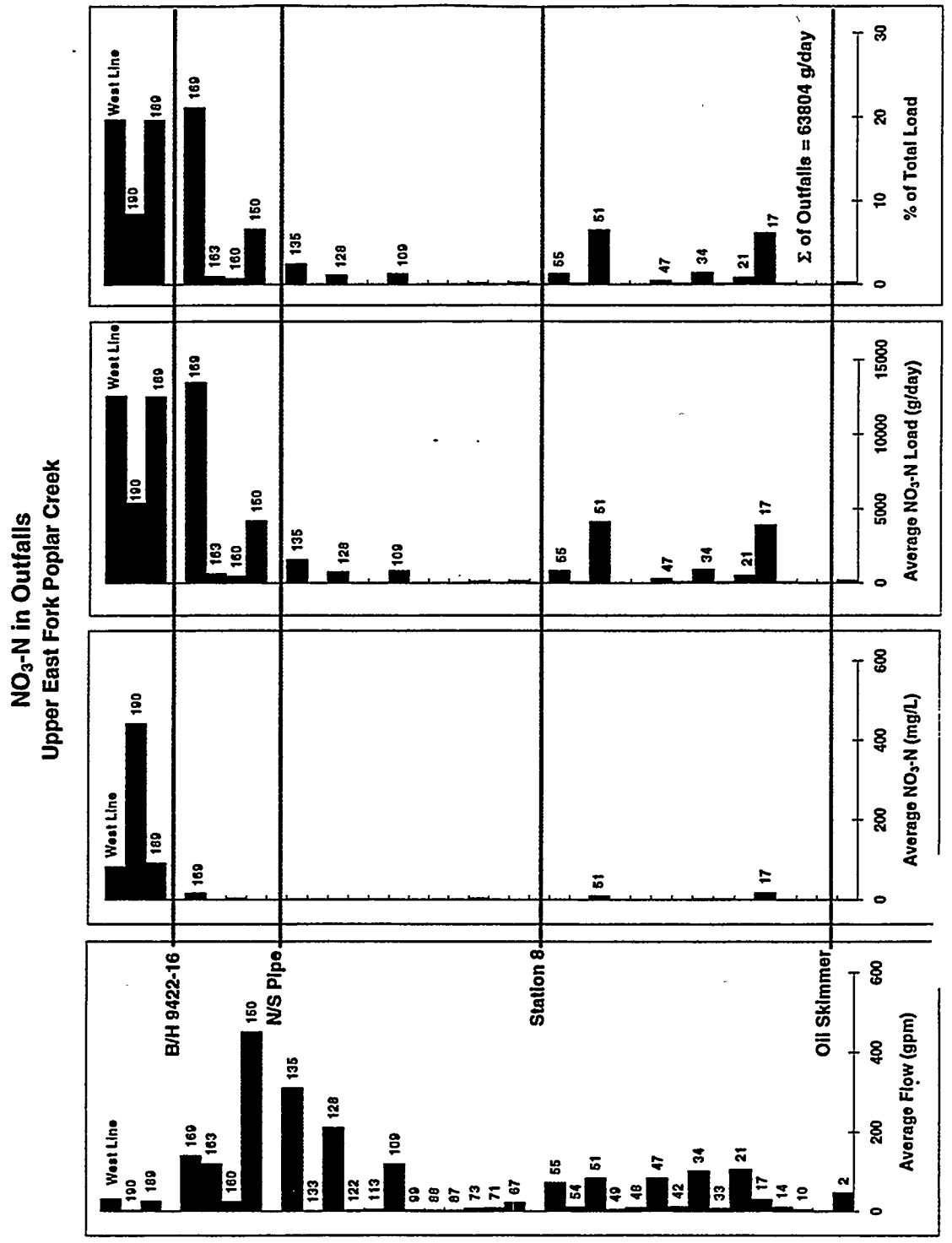



Fig. 5.8. Nitrates in outfalls.

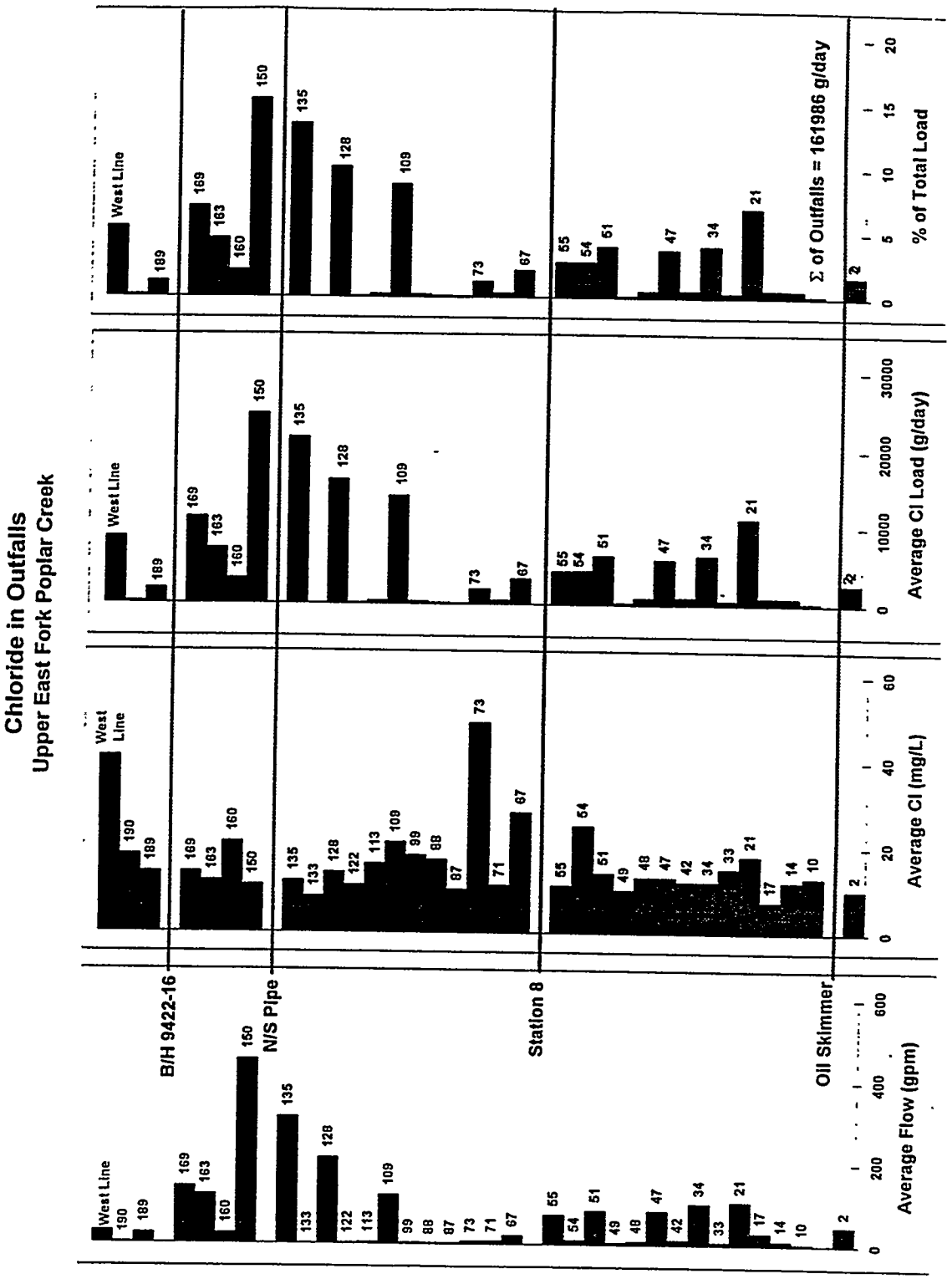



Fig. 5.9. Chloride in outfalls.

**Table 5.2. Climatological data associated with surface water sampling**

| Data of sampling | Mean average air temperature on day of sampling (°F) | Date of last rainfall before sampling | Time of day rainfall ended | Precipitation during rain event (inches)[a] | Duration of rain event (hours) |
|---|---|---|---|---|---|
| 07/10/93 | 81 | 06/30/93 | 12:00 a.m. | 0.22 | 2 |
| 07/11/93 | 81 | 06/30/93 | 12:00 a.m. | 0.22 | 2 |
| 08/14/93 | 80 | 08/14/93 | 9:00 a.m. | 0.02 | 2 |
| 09/13/93 | 74 | 09/09/93 | 3:00 p.m. | 0.01 | 1 |
| 09/14/93 | 76 | 09/09/93 | 3:00 p.m. | 0.01 | 1 |
| 10/04/93 | 61 | 10/02/93 | 8:00 p.m. | 0.26 | 4 |
| 10/28/93 | 47 | 10/21/93 | 3:00 p.m. | 0.35 | 11 |
| 10/29/93 | 46 | 10/21/93 | 3:00 p.m. | 0.35 | 11 |
| 11/11/93 | 44 | 11/05/93 | 6:00 a.m. | 1.02 | 21 |
| 12/07/93 | 46 | 12/05/93 | 6:00 a.m. | 5.1 | 43 |
| 12/16/93 | 48 | 12/15/93 | 9:00 a.m. | 0.32 | 29 |

[a] Trace precipitation was not included in the estimate of total precipitation for a rain event. If trace precipitation was reported for an hour preceding, during, or following hours of measurable precipitation, then the trace precipitation was considered part of the duration of the rain event. Trace precipitation unrelated to a larger rain event was not considered by itself as a rain event.

## 5.5 MASS BALANCE/FLOW BALANCE RESULTS

A preliminary review of mass balance and flow balance results is presented and discussed in this section. The results presented herein were compiled and analyzed by Ralph Turner and Mary Anna Bogle before the regulator meeting held on May 18, 1994.

### 5.5.1 Mass Balance Results

The data for instream locations were used to evaluate the mass balance of contaminants from the outfalls. The sum of the loads from the outfalls within a reach should be equal to the instream concentration downstream of the outfalls minus the incoming load measured at the instream location upstream of the outfalls. This approach assumes that constituents are conservative and not lost to a volatile phase or to deposition within the reach. Many of the contaminants of concern are subject to these kinds of losses as well as error in the analytical methods and, therefore, the expected error in the balance calculation for these constituents is in the 20–25% range. The mass balance results for mercury are shown in Fig. 5.10. These results are based on average values for all four events; they show that the mass balance for mercury under these conditions is generally within the acceptable range for error, ±25%.

The lower graph shown in Fig. 5.10 presents a comparison of the upstream versus downstream (instream) concentration of mercury as measured at the three instream sampling locations. The numbers 1, 2, 3, and 4 refer to the four sampling events and the letters A and B refer to the event parts [Part 1 (A) and Part 2 (B)]. Part 1 (A) addressed outfalls discharging to the open channel portion of UEFPC below the N/S pipes and Part 2 (B) addressed the underground portion of UEFPC

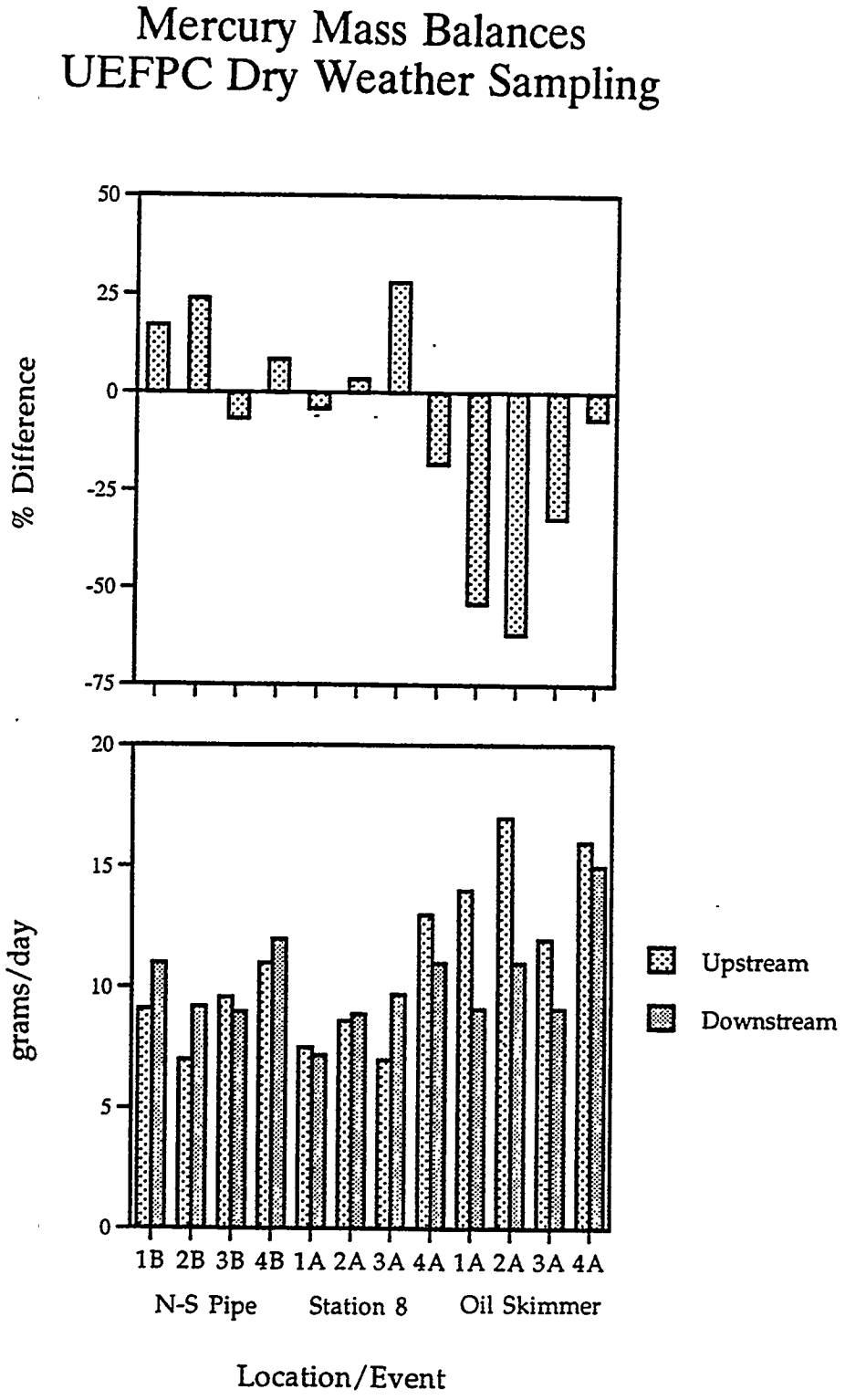



**Fig. 5.10. Mercury mass balance.**

flowing within the piping system at the west end of the plant. The mass balance comparison for the N/S pipes location is based on data from sampling above the N/S pipes [Part 2 (B) events]; contributions from all outfalls above the N/S pipes were summed (the upstream number) and compared to instream measurements at the N-S pipes (the downstream number).

The results for Station 8 and the Oil Skimmer are based on Part 1 (A) events and the upstream/downstream comparison follows the same approach, that is, all outfalls above Station 8 (plus the upstream contribution from the N/S pipes) are summed (upstream) and compared to the instream results at Station 8 (downstream).

The graph at the top of the page simply shows the percent difference between the upstream and downstream loads at each of the three instream locations. Interestingly, the difference for the N/S pipes is less than the downstream locations and the difference is positive 3 out of 4 times, that is, the load downstream is greater than the sum of the sources. At Station 8 and the Oil Skimmer, the opposite trend occurs, that is, the sum of the sources (upstream load) is greater than the downstream load. This phenomenon is likely to be related to the difference in the physical characteristics of the reaches, that is, flow through underground pipes (above the N/S pipes) versus open channel flow and associated processes such as volatilization and sedimentation.

Most of the data analysis conducted to date has focused on mercury. Other parameters have been evaluated in a preliminary manner by looking at overall average values. Analyses will be most meaningful on an event by event basis; these analyses will be performed in conjunction with the UEFPC CA RI, as appropriate.

### 5.5.2 Flow Balance Results

Analysis of the flow balance for UEFPC was conducted by summing the flows from individual outfalls and comparing with the instream flow downstream of the outfalls, accounting for the flow entering the reach from upstream. The flow data collected for all four events are summarized in Table 5.3.

Table 5.4 shows a comparison of flows measured during this study with existing flow monitoring/gauging locations on the creek maintained by the U.S. Geological Service and the Clean Water Section of the Y-12 Environmental Management Department. The results are somewhat variable; however, a majority of the time the values are within the acceptable range of error for the measurements.

Average flows for all four events for each outfall are depicted in Fig. 5.11. This figure shows that based on the average flow at the Oil Skimmer, approximately 83% of the flow in the creek is accounted for by the sum of the flows from the outfalls.

Figure 5.12 shows the mean daily flow in UEFPC measured at Station 17 from July through December 1993. All four of the dry weather sampling events were conducted during this period. Sampling dates are indicated on Fig. 5.12 by the needles or lines dropping down from the date axis.

As mentioned previously, significant rainfall occurred preceding Event 4, Part I. Before proceeding with this event as planned, a visual inspection of the creek was conducted and flow gauges on the creek were checked to evaluate the stage of the creek relative to base flow. Although more than 5 in. of rain fell over a 2-day period preceding the event, flow in UEFPC had returned to near base flow conditions by the sampling time; therefore, the decision was made to proceed with

**Table 5.3. Discharge values for dry weather sampling events[a]**

| Location | Dry Weather 1 | | | Dry Weather 2 | | | Dry Weather 3 | | | Dry Weather 4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7/10/93 | 7/11/93 | 8/14/93 | 9/13/93 | 9/14/93 | 10/4/93 | 10/28/93 | 10/29/93 | 11/11/93 | 12/7/93 | |
| Western Line | | | 36.4 | | | 9.8 | | | 45 | | 31 |
| Outfall 190 | | | 1.0 | | | 2.5 | | | 3 | | 2 |
| Outfall 189 | | | 35 | | | 11 | | | 8.1 | | 50 |
| WSHISS House 9422-16 | | | 65 | | | 39 | | | 65 | | 118 |
| Outfall 179 | | | 122 | | | 93 | | | 99 | | 147 |
| Outfall 169 | | | 144 | | | 105 | | | 156 | | 150 |
| Outfall 163 | | | 84 | | | 117 | | | 127 | | 165 |
| Outfall 160 | | | 22 | | | 14 | | | 51 | | 12 |
| Outfall 150 | | | 518 | | | 399 | | | 464 | | 405 |
| N/S pipes AM | 945 | — | 1175 | | 966 | 980 | | 964 | 969 | 1360 | 1140 |
| N/S pipes PM | — | 1346 | 1313 | | 1060 | 1230 | | 968 | 1073 | 1190 | 1240 |
| Outfall 135 | | 300 | | | 347 | | | 330 | | 260 | |
| Outfall 133 | | dry | | | dry | | | 0.46 | | 0.73 | |
| Outfall 128 | | 240 | | | 192 | | | 247 | | 162 | |
| Outfall 122 | | 4.6 | | | 0.54 | | | 0.51/4.0 | | 2.5 | |
| Outfall 113 | | 4.3 | | | 3.9 | | | 4.7 | | dry | |
| Outfall 109 | | 110 | | | 126 | | | 102 | | 132 | |
| Outfall 99 | | 3.8 | | | 3.2 | | | dry | | dry | |
| Outfall 88 | | 0.4 | | | 0.83 | | | 3.4 | | 3.9 | |
| Outfall 87 | | dry | | | dry | | | dry | | 1.7 | |

**Table 5.3 (continued)**

| Location | Dry Weather 1 | | | Dry Weather 2 | | | Dry Weather 3 | | | Dry Weather 4 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7/10/93 | 7/11/93 | 8/14/93 | 9/13/93 | 9/14/93 | 10/4/93 | 10/28/93 | 10/29/93 | 11/11/93 | 12/7/93 |
| Outfall 73 | | dry | | | dry | | | 7.5 | | dry |
| Outfall 71 | | 9.9 | | | 6 | | | 9.3 | | 7.1 |
| Outfall 67 | | 26 | | | 22 | | | 23 | | 19 |
| Station 8 AM | 1588 | 1508 | | 1739 | 1680 | | 1718 | 1703 | | 1710 |
| Station 8 PM | 1630 | — | | 1822 | 1871 | | 1797 | 1741 | | |
| Outfall 55 | 84 | | | 106 | | | 56 | | | 47 |
| Outfall 54 | dry | | | 22 | | | 0.63 | | | |
| Outfall 51 | 66 | | | 76 | | | 74 | | | 130 |
| Outfall 49 | 13 | | | 5.5 | | | 0.3 | | | 0.3 |
| Outfall 48 | 3.4 | | | 20 | | | 6 | | | 8 |
| Outfall 47 | 52 | | | 156 | | | 51 | | | 75 |
| Outfall 42 | 22 | | | 16 | | | 3.9 | | | 7.4 |
| Outfall 34 | 120 | | | 135 | | | 100 | | | 54 |
| Outfall 21 | 91 | | | 108 | | | 93 | | | 133 |
| Outfall 17 | 12 | | | 5.6 | | | 4.2 | | | 124 |
| Outfall 14 | 1.8 | | | 0.82 | | | 4 | | | 38 |
| Outfall 10 | 1.5 | | | 1.4 | | | 5 | | | 9.5 |
| Oil Skimmer AM | 2100 | | | 1993 | | | 2375 | | | 2975 |
| Oil Skimmer PM | 2275 | | | 2630 | | | 2444 | | | 3040 |
| Outfall 2 | 39 | | | 50 | | | 36 | | | 63 |

[a] All units are gallons per minute.

**Table 5.4. Comparison of discharge values for dry weather sampling events[a]**

| Measurement Date | | | 7/10/93 | 7/11/93 | 8/14/93 | 9/13/93 | 9/14/93 | 10/4/93 | 10/28/93 | 10/29/93 | 11/11/93 | 12/7/93 | 12/16/93 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Station 8 | Operable Unit 1 | AM | 1590 | 1510 | | 1740 | 1680 | | 1720 | 1700 | | 1710 | |
| | | PM | 1630 | | | 1820 | 1870 | | 1800 | 1740 | | | |
| | ISCO[b] | AM | NR[c] | 2150 | | 1830 | 2200 | | 2240 | 2290 | | 2510 | |
| | | PM | 2200 | | | NR | 2240 | | NR | 2590 | | | |
| | U.S. Geological Service[d] | AM | 1950 | 1880 | | 1880 | 1880 | | 1950 | 2020 | | 2090 | |
| | | PM | 1950 | | | NR | 2220 | | NR | 2020 | | | |
| North/ South Pipes | OU1 | AM | 945 | | 1180 | | 966 | 980 | | 960 | 970 | 1360 | 1140 |
| | | PM | | 1350 | 1310 | | 1060 | 1280 | | 970 | 1080 | 1190 | 1240 |
| | ISCO | AM | 1400 | | 1460 | | 1390 | 1380 | | 1430 | 1390 | 1615 | 1455 |
| | | PM | | 1560 | 1511 | | 1470 | 1520 | | NR | 1510 | 1575 | 1547 |
| Outfall 150 | OU1 | | | | 520 | | | 400 | | | 460 | | 405 |
| | ISCO | | | | 417 | | | 394 | | | 384 | | 428 |
| SWHISS House 9422-16 | OU1 | | | | 65 | | | 39 | | | 65 | | 118 |
| | ISCO | | | | 126 | | | 110 | | | 144 | | NR |

[a] All units are in gallons per minute.
[b] Data collected by the Y-12 Environmental Management Department Clean Water Section.
[c] Not recorded.
[d] Calculated from stream staff gauge reading and rating table (dated 5/27/93) provided by the U.S. Geological Service.

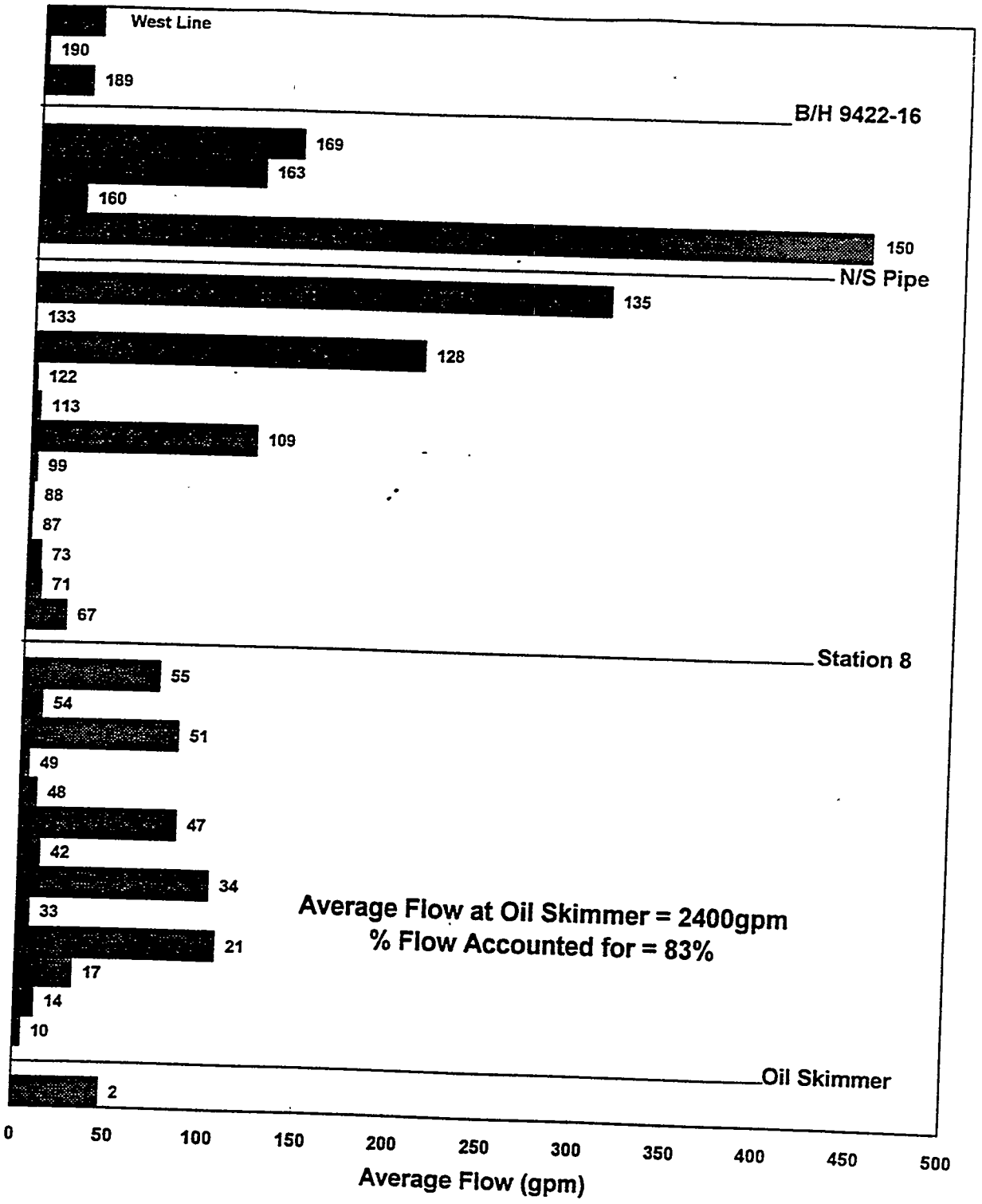



Fig. 5.11. Average flows at Upper East Fork Poplar Creek outfalls.

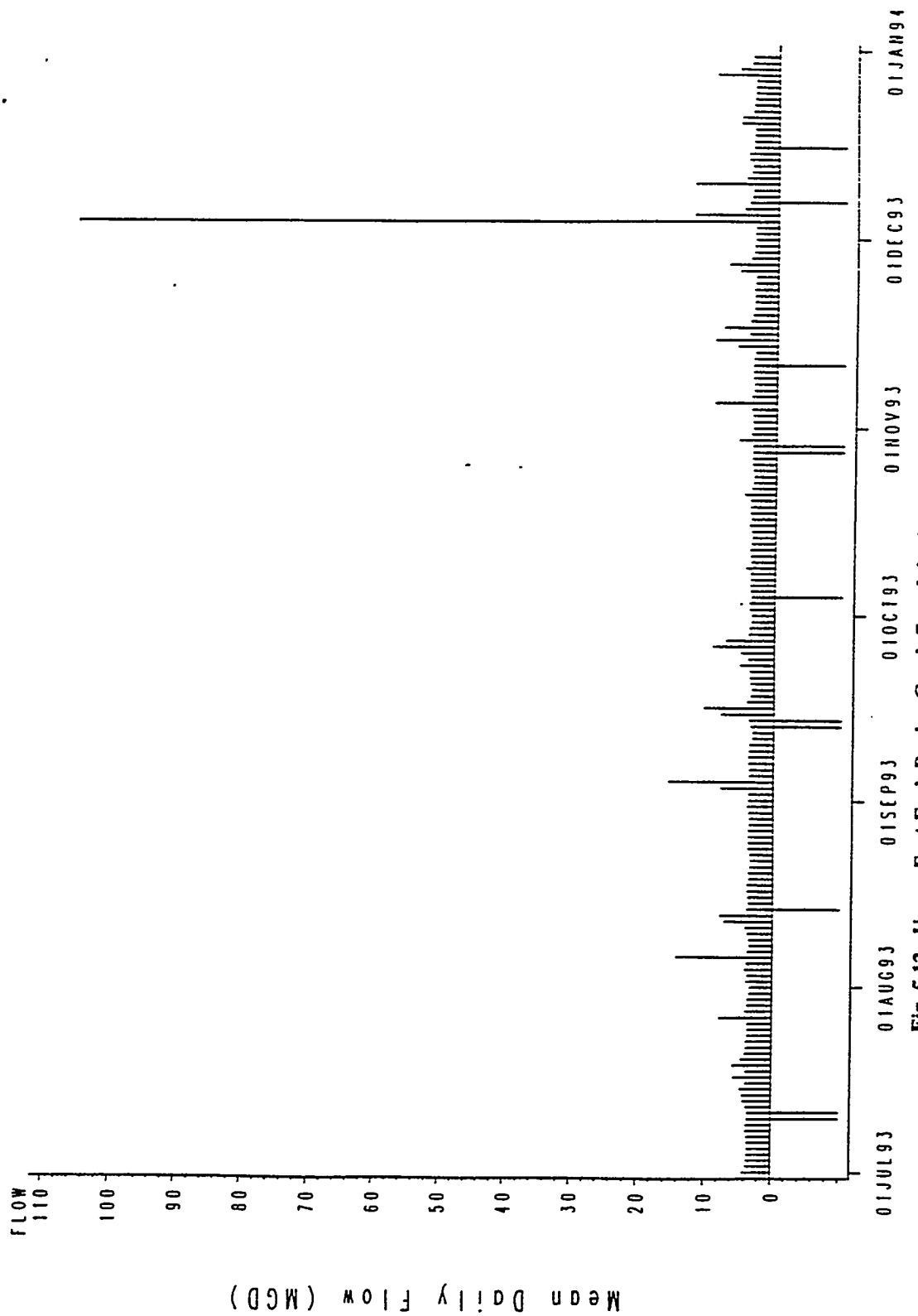



**Fig. 5.12. Upper East Fork Poplar Creek flow July through December 1993.**

the sampling event as planned. A hydrograph was constructed later to display flow conditions during Event 4A; this hydrograph is presented in Fig. 5.13.

During Event 4A, flows measured at the Oil Skimmer were consistently higher than during previous events. However, flows measured at the other instream sampling points where not higher than flows measured during other sampling events. It is likely that groundwater discharge in the reach above the Oil Skimmer was responsible for this difference and represents infiltration in the associated subbasins, which have a larger percentage of pervious area compared to the reaches farther upstream.

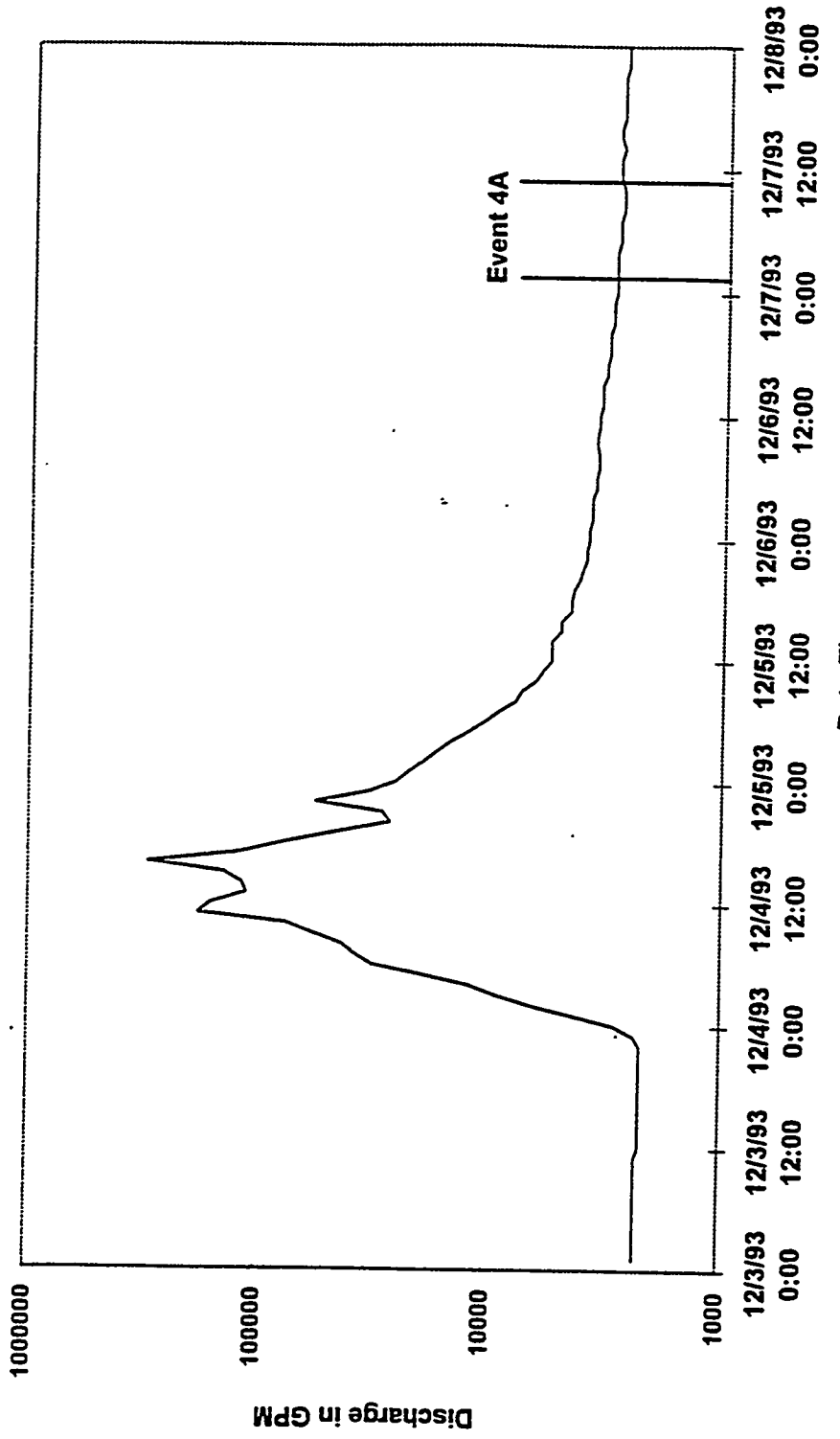



Fig. 5.13. Hourly discharge at Station 17.

# 6. DEVIATION FROM THE QUALITY ASSURANCE PROJECT PLAN

During execution of the work described in the QAPjP, conditions were encountered that required adjustments or modifications to the approach planned for the work and to several of the procedures. Changes were handled as field change requests or as "lessons learned," which were incorporated into addenda to the QAPjP.

## 6.1 FIELD CHANGE REQUESTS

Field change requests were initiated and documented according to the procedure in the approved QAPjP. This procedure is essentially identical to *Environmental Restoration Waste Management Programs Intersite Procedures Manual*, ER/C-P1719, Rev. 0 (Energy Systems 1991b) in requirements for handling all types of field changes.

One "major field change" occurred before Event 4, Part II. During the first three rounds of sampling above the N/S pipes (Part II), several groups of analytes, specifically the groups including VOCs, SVOCs, pesticides/PCBs, and hexavalent chromium, were consistently not present above detection limits. The regulators were contacted and agreed that these groups could be dropped from consideration during Event 4 as a cost-saving measure. The memorandum concerning their agreement with this recommendation is included with the Field Change Request Forms (FCRFs) in Appendix F. This agreement was received before the sampling event. An FCRF was filled out, reviewed, approved, and maintained with the field documentation. A log of the FCRFs is provided in Table 6.1, and a copy of each form is included in Appendix F. A number of the FCRFs address the lack of flow from one or more outfalls. Lack of flow meant that a sample could not be collected at those locations. In one case, during Event 3, Part I, an outfall (Outfall 73) was found to be flowing and was sampled to comply with the sampling strategy even though it was not included in the original list of outfalls to be sampled. Details of all of the changes are included on the forms in Appendix F.

## 6.2 ADDENDA TO THE QUALITY ASSURANCE PROJECT PLAN

Two addenda to the approved QAPjP were prepared, approved, and incorporated into the QAPjP to guide subsequent sampling events. A variety of issues is addressed in these addenda; the addenda are included in total, including the signature/approval pages, in Appendix F. Many of the issues addressed arose from analyzing lessons learned from the early sampling events. This project is unusual in that it involved multiple rounds of the same sampling approach. It provided the perfect opportunity to apply lessons learned to continuously improve the approach.

## 6.3 OUT-OF-CONTROL EVENTS

An out-of-control event is an event that would affect the quality or credibility of data being reported by the laboratory. Events of this type are handled and reported according to requirements in *Requirements for Quality Control of Analytical Data* (Energy Systems 1990d). Three out-of-control situations occurred during the course of this project and were documented by ASO on Out-

**Table 6.1. Field Change Request Form Log**

**Site:** Y-12 Plant **Program Title:** Environmental Restoration Dry Weather Surface Water Sampling at Operable Unit 1, Upper East Fork Poplar Creek

| Field Change Order No. | Baseline change[a] | Date issued | Changes | Originator | Status[b] | Date action required |
|---|---|---|---|---|---|---|
| **Event 1, Part I** | | | | | | |
| 1 | 2 | 7/11/93 | No flow at Outfall 54.<br>Added Station 8 AM sample; split reach into 2 days. | M. S. Elliott<br>S. D. Easterling | C | None |
| 2 | 2 | 7/11/93 | No flow at Outfalls 23, 33, 54, 66, 83, and 133. | M. S. Elliott<br>S. D. Easterling | C | None |
| 3 | 1 | 7/10/93 | Outfalls 47 and 48 had to be sampled in-line above the outfall because of embayment; a flow measurement could not be obtained at the outfalls. | M. S. Elliott<br>S. D. Easterling | C | None |
| 4 | 2 | 7/10/93 | It was not humanly possible to collect all samples in 1 day. Split event into 2 days; achieved closure on reach; added AM and PM samples at instream locations. | M. S. Elliott<br>S. D. Easterling | C | None |
| **Event 1, Part II** | | | | | | |
| 1 | 2 | 8/14/93 | Collected samples within 24 hours of minor rainfall event since flow measurements were at base flow levels. | M. S. Elliott<br>S. D. Easterling<br>R. R. Turner | C | None |
| 2 | 1 | 8/14/93 | Reduced filtered sample volume with permission from laboratory. | M. S. Elliott<br>S. D. Easterling | C | None |
| **Event 2, Part I** | | | | | | |
| 1 | 2 | 9/13/93 | No flow at Outfalls 23, 33, 63, 66, 83, 87, and 133. | M. S. Elliott | C | None |
| **Event 2, Part II** | | | | | | |
| None | | | | | | |
| **Event 3, Part I** | | | | | | |
| 1 | 2 | 10/29/93 | No flow at Outfalls 23, 33, 63, 66, 83, 87, and 99. | M. S. Elliott | C | None |
| 2 | 2 | 10/29/93 | Added Outfall 73, did not flow during Events 1 and 2. | M. S. Elliott | C | None |

**Table 6.1 (continued)**

**Site:** Y-12 Plant **Program Title:** Environmental Restoration Dry Weather Surface Water Sampling at Operable Unit 1, Upper East Fork Poplar Creek

| Field Change Order No. | Baseline change[a] | Date issued | Changes | Originator | Status[b] | Date action required |
|---|---|---|---|---|---|---|
| **Event 3, Part II** | | | | | | |
| None | | | | | | |
| **Event 4, Part I** | | | | | | |
| 1 | 2 | 12/7/93 | All samples were collected in 1 day; collected Station 8 samples mid-morning and mid-evening. | M. S. Elliott | C | None |
| 2 | 2 | 12/7/93 | Added Outfall 33; full set minus hexavalent chromium; had not flowed during previous three events. | M. S. Elliott | C | None |
| **Event 4, Part II** | | | | | | |
| 1 | 3 | 12/16/95 | Dropped base neutral acids, pesticides, polychlorinated biphenyls (PCBs), and hexavalent chromium from 150, north/south pipe, 160, 189, 9422-16, and Western Line samples. | M. S. Elliott | C | None |
| 2 | 3 | 12/16/95 | Dropped pesticides, PCBs, and hexavalent chromium from 163, 169, 179, and 190. | M. S. Elliott | C | None |
| 3 | 2 | 12/16/93 | Minor rainfall occurred within 24 hours of the sampling event; however, the hydrograph had returned to near normal by sampling time. | V. J. Brumback | C | None |

[a] 1 = minor field change; 2 = other field change; 3 = major field change
[b] I = in process; A = approved; D = disapproved; C = complete

of-Control Forms. Copies of these forms are also included in Appendix F. None of these occurrences were serious or resulted in a loss of usable data.

## 6.4 OTHER DEVIATIONS FROM QUALITY ASSURANCE PROJECT PLAN

A stated goal of the sampling program was to analyze for the "full" parameter list at each outfall or sampling location at least once. As noted earlier, logistical constraints prevented the collection of the "full" parameter list from all outfalls during a single sampling event, so a rotation schedule of full sampling was required. However, some outfalls did not flow during every sampling event; therefore, four outfalls (73, 87, 99, and 113) were never analyzed for all parameters, in particular VOCs, SVOCs, pesticides/PCBs, or a subset thereof.

In addition, several days following Event 3, Part I, the laboratory provided notification that a refrigerator had failed and that samples for VOCs and associated QC samples were lost for the following locations:

Outfall 88,
Outfall 109,
Outfall 113,
Outfall 122,
Oil Skimmer AM,
N/S pipes AM, and
Oil Skimmer PM.

To compensate for the inadvertent loss of these samples and results, samples for VOA were collected during Event 4, Part I. Unfortunately, Outfall 113 did not flow during Event 4. A "full" analysis minus VOAs was performed for Outfall 113 during Event 3, Part I; only VOA results are missing for this outfall. There are no results for VOCs, SVOCs, and pesticide/PCBs for Outfalls 73, 87, and 99.

# 7. EVALUATION OF FIELD ANALYZER FOR MERCURY

During Event 2, Parts I and II, of the four sampling events, a prototype field analytical technique, employing sample headspace analysis, was used to measure total mercury in water immediately after collection. The technique is described fully in ER/Y12000, Rev. 0, "Use of the Mercury Fast Analyzer Unit" and elsewhere (A. A. Kriger and R. R. Turner, *Water, Air and Soil Pollution*, in press). The method employs a Jerome Model 431-X Mercury Vapor Analyzer as the mercury detector. This detector responds to mercury in the elemental form only; therefore, mercury in water samples is first converted to the elemental state using a chemical reductant, stannous chloride. This is the same reductant used in the formal EPA-approved laboratory method. After reduction the mercury vapor is encouraged to partition into the sample headspace (according to Henry's Law) by vigorous agitation. As shown in the attached calibration plot (Fig. 7.1) prepared using mercury standards, the method is quite sensitive and produces a linear relationship between mercury concentration and instrument response over a useful range.

In the field method, water samples are not first digested to oxidize and release bound mercury. Thus, in some circumstances not all of the mercury in actual environmental samples may be directly reducible with stannous chloride. The expectation during this trial application of the field method was that field results might be somewhat lower than laboratory ones. As shown in Tables 7.1, 7.2, and 7.3, laboratory results were often, but not always, somewhat higher than field results. Nonetheless, the field method demonstrated its value for detecting mercury at environmentally realistic levels, and in no case produced a false negative (failing to detect elevated mercury when it was present). In only one case (Outfall 88) did the field method produce a false positive, and in this case it is not clear that the outfall itself, which exhibited highly variable flow, was not also varying in mercury concentration over time.

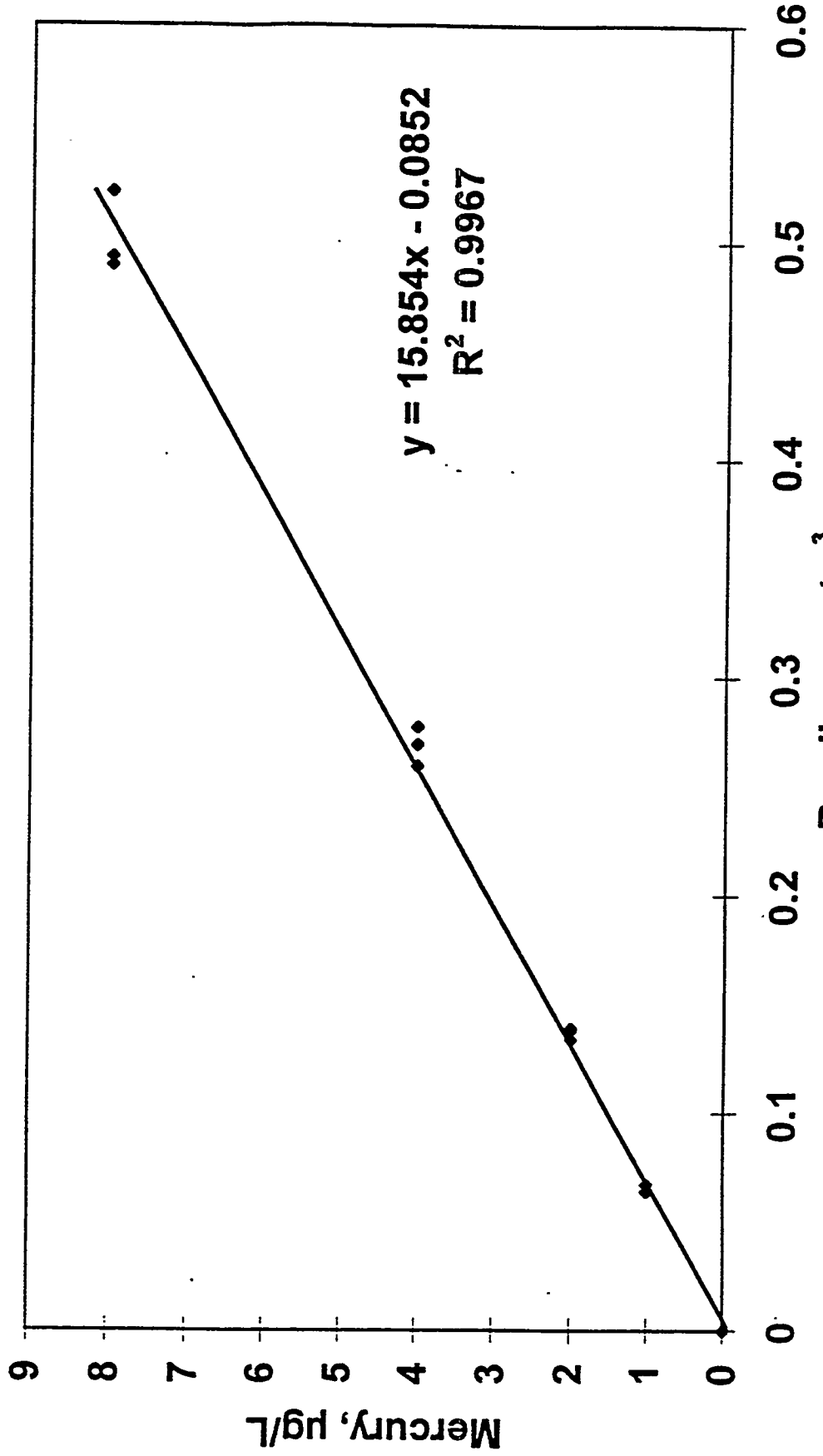



Fig. 7.1. Standard curve for Jerome 431 meter.

**Table 7.1. Comparison of field mercury results with laboratory results for Event 2, Part I (9/13/93)**

| Site | Jerome (µg/L) | Y-12 Anal. Chem. (µg/L) |
|---|---|---|
| Oil Skimmer AM | 0.261 | 0.79 |
| Station 8 AM | 0.736 | 1.1 |
| Outfall 2 | 0.09<br>0.024 | <0.2 |
| Outfall 10 | 0.09 | <0.2 |
| Outfall 14 | 1.45<br>0.09 | 0.3 |
| Outfall 17 | 0.09 | <0.2 |
| Outfall 21/22 | 0.427 | 0.5 |
| Outfall 34 | 0.403 | 0.3 |
| Outfall 42 | 0.356 | <0.2 |
| Outfall 47 | 1.68 | 2.0 |
| Outfall 48 | 2.02<br>1.78 | 1.6 |
| Outfall 49 | 13.0 | 13 |
| Outfall 51 | 5.39 | 7.2 |
| Outfall 51 (duplicate) | 6.34 | 6.7 |
| Outfall 54 | 0.09<br>0.214 | <0.2 |
| Outfall 55 | 2.63 | 2.2 |
| Station 8 PM | 0.332 | 0.97 |
| Oil Skimmer PM | 0.09<br>0.237 | 0.87 |

**Table 7.2. Comparison of field mercury results with laboratory results for Event 2, Part I (9/14/93)**

| Site | Jerome (µg/L) | Y-12 Anal. Chem. (µg/L) |
|---|---|---|
| Station 8 AM | 0.641<br>0.546 | 0.9 |
| N/S pipes AM | 1.49<br>1.47 | 1.6 |
| Outfall 67 | 0.09 | <0.2 |
| Outfall 71 | 0.166 | <0.2 |
| Outfall 88 | 1.49 | 0.25 |
| Outfall 99 | 0.09<br>0.09 | <0.2 |
| Outfall 109 | 0.308 | 0.27 |
| Outfall 113 | 7.33<br>7.52 | 7.3 |
| Outfall 122 | 0.09 | <0.2 |
| Outfall 128 | 0.09 | <0.2 |
| Outfall 135 | 0.166 | <0.2 |
| N/S pipes PM | 1.07 | 1.4 |
| N/S pipes PM (duplicate) | 1.14 | 1.0 |

**Table 7.3. Comparison of field mercury results with laboratory results for Event 3, Part II, (10/4/93)**

| Site | Jerome (µg/L) | Y-12 Anal. Chem. (µg/L) |
|---|---|---|
| N/S pipes AM | 1.59 | 1.7 |
| 9422-16 SWHISS House | 0.427 | 0.46 |
| 9422-16 SWHISS House (duplicate) | 0.475 | |
| Western Line | 0.119 | <0.2 |
| Outfall 150 | 0.09 | <0.2 |
| Outfall 160 | 15.12 | 18 |
| Outfall 160 (duplicate) | 10.59 | 18 |
| Outfall 163 | 6.53 | 6.5 |
| Outfall 169 | 2.37 | 2.0 |
| Outfall 179 | 0.427 | 0.59 |
| Outfall 189 | 0.09 | <0.2 |
| Outfall 190 | 0.09 | <0.2 |
| N/S pipes PM | 0.736 | 1.4 |

# 8. REFERENCES

CDM Federal (CDM Federal Programs Corporation) 1993. *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1 Upper East Fork Poplar Creek at Oak Ridge Y-12 Plant, Oak Ridge, Tennessee.* Y/ER-110, Rev. 4.

DOE (U.S. Department of Energy) 1994. *RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee.* DOE/OR/01-1250/V1&D1 & V2&D1.

Energy Systems (Martin Marietta Energy Systems, Inc.) 1989. *RCRA Facility Investigation Plan Upper East Fork Poplar Creek and Oak Ridge Y-12 Plant, Oak Ridge, Tennessee.* Y/TS-579.

Energy Systems (Martin Marietta Energy Systems, Inc.) 1990a. *RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee, Volume 1: Text*, ES/ER-10/V1&D1; *Volume 2: Appendixes*, ES/ER-10/V2&D1 (UCNI).

Energy Systems (Martin Marietta Energy Systems, Inc.) 1990b. *Environmental Surveillance Procedure, Quality Control Program*, ES/ESH/INT-14.

Energy Systems (Martin Marietta Energy Systems, Inc.) 1990c. *Data Verification and Evaluation Techniques for Groundwater Monitoring Programs*, Y/SUB/90-TK532C/2, prepared by H&R Technical Associates, Inc., and R. R. Turner, Oak Ridge National Laboratory.

Energy Systems (Martin Marietta Energy Systems, Inc.) 1990d. *Requirements for Quality Control of Analytical Data*, ES/ER/TM-16.

Energy Systems (Martin Marietta Energy Systems, Inc.) 1991a. *Response to Comments and Recommendations on RCRA Facility Investigation Plan for Group 4 at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee. Volume 1, Operable Unit 1.* ES/ER-10/V1&D2, Y/ER-20/V1 (UCNI).

Energy Systems (Martin Marietta Energy Systems, Inc.) 1991b. *Environmental Restoration Waste Management Programs Intersite Procedures Manual*, ER/C-P1719, Rev. 0.

# Appendix A

# CHRONOLOGY

**Chronology of Events**

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 12/89 | NA | Proj. Files | NA | RFI Work Plan for UEFPC was issued to EPA and TDHE for review. |
| 06/90 | NA | Proj. Files | NA | Comments were received on the two RFI Work Plans. |
| 09/90 | NA | Proj. Files | NA | Working group meeting with EPA and TDEC to discuss their comments. |
| 12/90 | NA | Proj. Files | NA | RFI Work Plan for Group 4 issued to EPA and TDHE for review. |
| 04/91 | NA | Proj. Files | NA | Comments received on the RFI Work Plan for Group 4. |
| 06/91 | NA | Proj. Files | NA | Working group meeting with EPA and THDE to discuss their comments. |
| 06/04/91 | Notes | NA | NA | DOE technical working group meeting in Chattanooga to develop general DQOs for project. |
| 12/91 | NA | Proj. Files | NA | Addendum issued for UEFPC and mercury-use areas. |
| 01/92 | NA | Proj. Files | NA | Statement of Work for UEFPC OU1 prepared pending approval of Work Plan by EPA and TDEC. |
| 01/92 | NA | Proj. Files | NA | FFA became effective. |
| 03/92 | NA | Proj. Files | NA | TDEC approval of UEFPC Work Plan. |
| 04/92 | NA | Proj. Files | NA | EPA approval of UEFPC Work Plan. |
| 04/19/93 | Fax | S. Lankford | DOE | Notice of MUA/UEFPC status update meeting to define roles and responsibilities of groups. |
| 04/27/93 | Memo | S. Lankford | DOE | Subject same as 4/19/93 fax from S. Lankford. |
| 08/92 | NA | Proj. Files | NA | CDM Federal Technical Proposal on Statement of Work received. |
| 09/92 | NA | Proj. Files | NA | Draft Surface Water Data Evaluation Report issued for internal review and evaluation. |
| 02/93 | NA | Proj. Files | NA | Final Surface Water Data Evaluation Report issued. |
| 05/93 | NA | Proj. Files | NA | Preparation of QAPjP. |
| 05/93 | NA | Proj. Files | NA | Meeting on mercury/NPDES/UEFPC OU1/RMPE with TDEC. |
| 05/04/93 | E-Mail | V. Brumback | Energy Systems | QAPjP meeting notice. CDM Federal to have rough draft of QAPjP for team review. |
| 05/11/93 | E- Mail | V. Brumback | Energy Systems | Contains general comment, to be discussed later, about H. Newsom's review of QAPjP. |
| 05/11/93 | E-Mail | V. Brumback | Energy Systems | Request for reviewers of QAPjP to get comments and plans in to get QAPjP approved. |
| 05/17/93 | E-Mail | V. Brumback | Energy Systems | Notification of postponement of meeting to review QAPjP. |

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 05/03/93 | Notes | M. Leslie | CDM Federal | General discussion about sample plans, QA, and NPDES methods for phase 1. |
| 05/07/93 | Notes | M. Leslie | CDM Federal | Discussion about data validation, team makeups, and parameters for phase 1. |
| 05/11/93 | Memo | H. Newsom | Energy Systems | Contains Mr. Newsom's comments, referenced in the E- Mail above. |
| 05/18/93 | Form | D. D. Alton | Y-12 | Release of electronic data to CDM Federal. |
| 05/28/93 | E-Mail | M. Norris | Energy Systems | Concerns the development and utilization of the site version of OREIS. |
| 06/93 | NA | Proj. Files | NA | Preparation of Program Service Orders. Also orders for IH, HP, Plant Laboratories, etc. |
| 06/15/93 | E-Mail | V. Brumback | Energy Systems | Concerns implementing H. Newsom's comments into QAPjP and Readiness Review Checklist. |
| 06/21/93 | Notes | M. Leslie | CDM Federal | Meeting concerns QAP, procedures, data validation, and general project concerns. |
| 06/28/93 | Notes | M. Leslie | CDM Federal | Readiness review, validation an QC summaries were the subjects of this meeting. |
| 07/01/93 | Notes | M. Leslie | CDM Federal | DQOs, need for regulator involvement, QC, and readiness review were discussed. |
| 07/07/93 | Fax | T. Collins | Y-12 | Mary Leslie received preliminary mercury data for sampling sites. |
| 07/10/93 | Logbook | Field Team | Y-12 | Event 1 sampling begins. |
| 07/12/93 | Notes | M. Leslie | CDM Federal | General discussion of sampling event and lessons learned. |
| 07/19/93 | Notes | M. Leslie | CDM Federal | Discussion of changes in procedures based on previous sampling event. |
| 07/22/93 | ROC | M. Leslie | CDM Federal | Phone conversation with EPA about use of trip blanks. EPA approves of current use. |
| 08/02/93 | Notes | M. Leslie | CDM Federal | Discussion of trip blanks, rinseates and lab procedures. |
| 08/04/93 | Notes | M.Leslie | CDM Federal | SCR meeting; discussion of various topics. |
| 08/09/93 | Notes | M. Leslie | CDM Federal | Decided to use one trip blank per sample set. Other general discussion of procedures. |
| 08/12/93 | Notes | M. Leslie | CDM Federal | Pre-mobilization meeting. Review of Readiness Review Checklist prepared by Mike Elliott. |
| 08/14/93 | Logbook | Field Team | Y-12 | Sampling begins west of N/S pipe. |
| 08/16/93 | Notes | M. Leslie | CDM Federal | Discussion of problems with previous event and changes needed. |
| 08/24/93 | Notes | M. Leslie | CDM Federal | Meeting about data validation, QA, and lessons learned. |
| 08/30/93 | Notes | M. Leslie | CDM Federal | Regulators attend meeting. Lab and data validation issues discussed. |
| 09/07/93 | Notes | M. Leslie | CDM Federal | Discussion of schedules, QA matters, and problems with note taking and logbooks. |

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 09/08/93 | E-Mail | M. Elliott | Energy Systems | Notes on project meeting and request for feedback or needed corrections. |
| 09/09/93 | Letter | S. Lankford | DOE | Letter to TDEC and EPA re: QAPjP and addendum used for second round sampling. |
| 09/13/93 | Logbook | Field Team | Y-12 | Event 2 sampling begins. |
| 09/20/93 | Notes | M. Leslie | CDM Federal | Debriefing from 9/13-9/14 sampling event. Discussion about lab and sampling procedures. |
| 09/24/93 | Fax | V. Brumback | Energy Systems | Summarizes UEFPC OU1 activities to date and includes invitation to regulators to project meeting. |
| 09/24/93 | E-Mail | M. Elliott | Energy Systems | Concerns presentation by ISCO of sampling equipment at next project team meeting. |
| 09/27/93 | Notes | M. Leslie | CDM Federal | Planning meeting for 10/04/93 sampling event. |
| 10/04/93 | Logbook | Field Team | Y-12 | Event 2, Part II, sampling begins. |
| 10/11/93 | Notes | S. Wood | CDM Federal | Discussion of last sampling event. Visitors were pleased with what they saw. |
| 10/11/93 | Form | D.D. Alton | Y-12 | Release of electronic data to Mary Leslie. |
| 10/18/93 | Notes | M. Leslie | CDM Federal | QC problems with samples, data validation, and presentation of data subjects of meeting. |
| 10/18/93 | Notes | M. Leslie | CDM Federal | Contingency plans discussed, such as having alternate technicians in case of an emergency. |
| 10/25/93 | Notes | M. Leslie | CDM Federal | Premobilization meeting for round 3 sampling. Sediment sampling issues discussed. |
| 10/28/93 | Logbook | Field Team | Y-12 | Event 3, Part I, sampling begins. |
| 11/01/93 | Notes | M. Leslie | CDM Federal | Lab-related problems discussed. Memo detailing these problems attached to notes. |
| 11/08/93 | Notes | M. Leslie | CDM Federal | Meeting about next sampling event; may eliminate some parameters. |
| 11/10/93 | E-Mail | V. Prater | Energy Systems | Concerns procedures, scope of work, and safety for 11/11/93 sampling event. |
| 11/11/93 | Logbook | Field Team | Y-12 | Event 3, Part II, sampling begins. |
| 11/15/93 | Notes | M. Leslie | CDM Federal | Safety and QA issues, as well as schedule to complete next event in one day, discussed. |
| 11/17/93 | Fax | S. Wood | CDM Federal | Summary of preliminary data sent to V. Brumback. |
| 11/22/93 | Notes | S. Wood | CDM Federal | Waiting for sample results to decide about dropping parameters. Date for next event changed. |
| 11/29/93 | Notes | S. Wood | CDM Federal | Planning meeting for next event. Needed changes in QAPjP were noted. |
| 11/30/93 | Fax | V. Brumback | Energy Systems | Concerns review of site inventories and upcoming UEFPC OU1 sampling. |
| 12/02/93 | E-Mail | V. Brumback | Energy Systems | Pertains to safety and QA concerns from DOE and how they relate to sampling events. |

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 12/06/93 | E-Mail | V. Prater | Energy Systems | Concerns procedures , scope of work, and safety for 12/07/93 sampling event. |
| 12/06/93 | Notes | Leslie/Wood | CDM Federal | Steve Wood to write summary of regulations for regulator meeting. |
| 12/07/93 | Logbook | Field Team | Y-12 | Event 4, Part I, sampling begins. |
| 12/09/93 | Fax | S. Wood | CDM Federal | Steve Wood notified Mike Elliott at Y-12 of outfalls/parameters to be eliminated from Event 4, Part II. |
| 12/13/93 | E-Mail | V. Brumback | Energy Systems | Confirms a delay in the final sampling event to Dec. 16. Also gives meeting time and place. |
| 12/13/93 | Notes | Leslie/Wood | CDM Federal | Schedule, parameters for various sites, and problem with unpreserved Rad sample discussed. |
| 12/14/93 | Fax | V. Brumback | Energy Systems | Fax to TDEC regarding dropping parameters for last sampling event. |
| 12/14/93 | Fax | S. Wood | CDM Federal | Partial lab results from first three rounds of sampling to V. Brumback at Y-12 |
| 12/15/93 | E-Mail | V. Brumback | Energy Systems | Received agreement with TDEC to drop certain parameters from the final sampling event. |
| 12/15/93 | E-Mail | NA | NA | E-mail to V. Brumback concerning sources of information on history of pesticide/herbicide use at Y-12. |
| 12/15/93 | E-Mail | L. McMahon | Energy Systems | More feedback on history of pesticide/herbicide use at Y-12. |
| 12/15/93 | E-Mail | V. Brumback | Energy Systems | Concerns the agreement of TDEC to drop certain parameters from the final event. |
| 12/16/93 | Logbook | Field Team | Y-12 | Event 4, Part II, sampling begins. |
| 12/20/93 | Notes | Leslie/Wood | CDM Federal | Safety discussed by John Kelsey from DOE. Noted lack of money for data validation. |
| 01/10/94 | Notes | Leslie/Wood | CDM Federal | Funding, sediment sampling and data validation subjects of meeting. |
| 01/24/94 | Notes | S. Wood | CDM Federal | Funding, wet weather sampling, FY 95 scope of work discussed. |
| 01/31/94 | Notes | S. Wood | CDM Federal | Data validation, sediment sampling discussed. Noted an additional 500K available. |
| 02/07/94 | Notes | S. Wood | CDM Federal | Discussion of ORIES, data format requirements, and data validation. |
| 02/09/94 | | | | Samples chosen for Level C/D data validation |
| 02/14/94 | Notes | Leslie/Wood | CDM Federal | CDM Federal received all dry weather sampling data. General discussion of project issues. |
| 02/28/94 | Notes | Leslie/Wood | CDM Federal | CDM Federal may be used to evaluate various parameters. Noted that validators are working on data. |
| 03/94 | Report | NA | NA | DOE issued an unclassified, nonsensitive version of the Group 4 RFI Work Plan (2 volumes). |

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 03/94 | | | | Data packages received from laboratory |
| 03/07/94 | Notes | M. Leslie | CDM Federal | Expanded team meeting. All project-related matters discussed. |
| 03/14/94 | Notes | S. Wood | CDM Federal | General discussion of GW, DQO, and sampling issues. |
| 03/21/94 | Notes | S. Wood | CDM Federal | Wide range of issues discussed (e.g., integration of surface water and groundwater, regulator meeting). |
| 04/04/94 | Notes | M. Leslie | CDM Federal | Meeting about QA and data-related issues. |
| 04/11/94 | Notes | M. Leslie | CDM Federal | Action items delegated to team members. Revision of wet weather sampling discussed. |
| 04/13/94 | E-Mail | V. Brumback | Energy Systems | Concerns changes in surface water activities. Summarizes reasons from Mr. Hudson. |
| 04/18/94 | E-Mail | V. Brumback | Energy Systems | Pertains to missing data on VOAs. This was noted by Mary Leslie to V. Brumback. |
| 04/18/94 | E-Mail | V. Brumback | Energy Systems | Discussion of failed refrigerator as reason for missing data. |
| 04/18/94 | Notes | M. Leslie | CDM Federal | Strategy meeting for regulator meeting. More action items delegated to team members. |
| 04/25/94 | Notes | M. Leslie | CDM Federal | Prevention of QC sample problems, grid well, and groundwater issues discussed. |
| 04/28/94 | E-Mail | V. Brumback | Energy Systems | Gives meeting schedules for project team to modify scope of OU1 efforts. |
| 04/29/94 | Notes | M. Leslie | CDM Federal | Meeting about future RI/FS and flowcharts reviewed. |
| 04–05/94 | | | | Data packages transferred to AESG for validation |
| 05/02/94 | Notes | S. Wood | CDM Federal | Schedule and action items for regulator meeting dry run laid out. |
| 05/05/94 | Notes | M. Leslie | CDM Federal | Discussion of groundwater and soils data and where to obtain them. |
| 05/06/94 | E-Mail | V. Brumback | Energy Systems | Reschedule of the dry run for meeting with regulators . |
| 05/10/94 | Letter | L. McMahon | Energy Systems | Subject was QAPjP Rev. 4, which had been incorporated. Letter was to TDEC and EPA. |
| 05/18/94 | Agenda | NA | NA | Regulator meeting held 5/18/94 to present preliminary results of dry weather surface water sampling project. |
| 05–09/94 | | | | Data validation |
| 06/03/94 | E-Mail | V. Brumback | Energy Systems | Announces suspension of regular weekly team meetings. Not as necessary as were in the past. |
| 10/04/94 | Letter | N. Lingle | DOE | Request for approval to modify RFI Work Plan for UEFPC OU1. Letter was to TDEC and EPA. |
| 11/29/94 | | | | AESG's first assessment/findings to laboratory |

| Date | Type | Originator | Originating Organization | Comments |
|---|---|---|---|---|
| 12/04/94 | Letter | S. Lankford | DOE | Confirms concurrence from TDEC and EPA on modification of UEFPC OU1 field activities. |
| 02/27/95 | | | | Laboratory response to AESG's assessment/findings |
| 03/06/95 | | | | Revalidation based on laboratory responses |
| 03/28/95 | Summ. | C. Provost | CDM Federal | Summary of DQO worksop, 03/28/95 to 03/30/95. Included key objectives and decisions. |
| 05/25/95 | | | | Additional comments from validators |
| 06/21/95 | | | | Memo with final adjustments to validation |
| 07/17/95 | | | | Final Validation Report |

CDM Federal - CDM Federal Programs Corporation
DOE - U.S. Department of Energy
DQO - data quality objective
EPA - U.S. Environmental Protection Agency
FFA - Federal Facilities Agreement
FS - Feasibility Study
FY - fiscal year
GW - groundwater
HP - Health Physics
IH - Industrial Hygiene
MUA - Mercury Use Area
N/S pipe - north/south pipe
NA - not applicable
NPDES - National Pollutant Discharge Elimination System
OREIS -Oak Ridge Environmental Invormation System
OU - operable unit
QA - quality assurance
QAP - Quality Assurance Plan
QAPjP - Quality Assurance Project Plan
QC - quality control
RFI - Resource Conservation and Recovery Act Facility Investigation
RI - Remedial Investigation
RMPE - Reduction of Mercury in Plant Effluent
RRT - Regional Response Team
SAIC - Science Applications International Corporation
SCR - Site Characterization Report
TDEC - Tennessee Department of Environment and Conservation
TDHE - Tennessee Department of Health and Environment
UEFPC - Upper East Fork Poplar Creek
VOA - volatile organic analysis

# Appendix B

# ANALYTES AND METHODS

## TABLE 5-3

### Method Detection Limits and Lower Reporting Limits for Laboratory Analyses for Surface Water Samples

| Volatiles CLP/624 | | | |
|---|---|---|---|
| **Parameter** | **LRL[a] (ug/L)** | **MDL (ug/L)** | **Reference** |
| Benzene | 10 | 1.3 | EPA 624 |
| Bromoform | 10 | 1.1 | EPA 624 |
| Bromodichloromethane | 10 | 2.7 | EPA 624 |
| Bromomethane | 10 | 0.8 | EPA 624 |
| Carbon Tetrachloride | 10 | 1.7 | EPA 624 |
| Chlorobenzene | 10 | 1.4 | EPA 624 |
| Chloroethane | 10 | 2.4 | EPA 624 |
| 2-Chloroethyl vinyl ether | 10 | 2 | EPA 624 |
| Chloroform | 10 | 1.5 | EPA 624 |
| Chloromethane | 10 | 0.47 | EPA 624 |
| Dibromochloromethane | 10 | 0.9 | EPA 624 |
| 1,1-Dichloroethane | 10 | 1.9 | EPA 624 |
| 1,2-Dichloroethane | 10 | 1.1 | EPA 624 |
| 1,1-Dichloroethene | 10 | 1.7 | EPA 624 |
| trans-1,2-Dichloroethene | 10 | 2.5 | EPA 624 |
| 1,2-Dichloropropane | 10 | 1.2 | EPA 624 |
| cis-1,3-Dichloropropene | 10 | 1.7 | EPA 624 |
| trans-1,3-Dichloropropene | 10 | 0.28 | EPA 624 |
| Ethyl Benzene | 10 | 1.8 | EPA 624 |
| Methylene Chloride | 10 | 2.4 | EPA 624 |
| 1,1,2,2-Tetrachloroethane | 10 | 1.9 | EPA 624 |
| Tetrachloroethene | 10 | 1.4 | EPA 624 |
| Toluene | 10 | 1.5 | EPA 624 |
| 1,1,1-Trichloroethane | 10 | 2 | EPA 624 |

**TABLE 5-3 (Continued)**



| | | | |
|---|---|---|---|
| 1,1,2-Trichloroethane | 10 | 1.1 | EPA 624 |
| Trichloroethene | 10 | 1 | EPA 624 |
| Trichlorofluoromethane | 10 | 0.4 | EPA 624 |
| Vinyl Chloride | 10 | 1.4 | EPA 624 |
| Acetone | 10 | 10 | CLP |
| 4-methyl-2-pentanone | 10 | 10 | CLP |
| 2-Butanone | 10 | 10 | CLP |
| Styrene | 10 | 10 | CLP |
| Carbon Disulfide | 10 | 10 | CLP |
| 2-Hexanone | 10 | 10 | CLP |
| Xylenes (Total) | 30 | 10 | CLP |
| cis-1,2-Dichloroethene | 10 | ND | CLP |
| **Semi-volatiles CLP/625** | | | |
| **Parameter** | **LRL (ug/L)** | **MDL (ug/L)** | **Reference** |
| Acenaphthene | 10 | 1.9 | EPA 625 |
| Acenaphthylene | 10 | 3.5 | EPA 625 |
| Anthracene | 10 | 1.9 | EPA 625 |
| Benzo(a)anthracene | 10 | 7.8 | EPA 625 |
| Benzo(b)fluoranthene | 10 | 4.8 | EPA 625 |
| Benzo(k)fluoranthene | 10 | 2.5 | EPA 625 |
| Benzo(a)pyrene | 10 | 2.5 | EPA 625 |
| Benzo(ghi)perylene | 10 | 4.1 | EPA 625 |
| Butyl benzyl phthlate | 10 | 2.5 | EPA 625 |
| Bis(2-chloroethyl)ether | 10 | 5.7 | EPA 625 |
| Bis(2-chloroethoxy)methane | 10 | 5.3 | EPA 625 |
| Bis(2-ethylhexyl)phthalate | 10 | 2.5 | EPA 625 |
| Bis(2-chloroisopropyl)ether | 10 | 5.7 | EPA 625 |
| 4-Bromophenyl phenyl ether | 10 | 1.9 | EPA 625 |
| 2-Chloronaphthalene | 10 | 1.9 | EPA 625 |

**TABLE 5-3 (Continued)**



| | | | |
|---|---|---|---|
| 4-Chlorophenyl phenyl ether | 10 | 4.2 | EPA 625 |
| Chrysene | 10 | 2.5 | EPA 625 |
| Dibenzo(a,h)anthracene | 10 | 2.5 | EPA 625 |
| Di-n-butylphthalate | 10 | 2.5 | EPA 625 |
| 1,2-Dichlorobenzene | 10 | 1.9 | EPA 625 |
| 1,3-Dichlorobenzene | 10 | 1.9 | EPA 625 |
| 1,4-Dichlorobenzene | 10 | 4.4 | EPA 625 |
| 3,3'-Dichlorobenzidine | 10 | ND | EPA 625 |
| Diethyl phthalate | 10 | 5.7 | EPA 625 |
| Dimethyl phthalate | 10 | 1.6 | EPA 625 |
| 2,4-Dinitrotoluene | 10 | 5.7 | EPA 625 |
| 2,6-Dinitrotoluene | 10 | 1.9 | EPA 625 |
| Di-n-octyl phthalate | 10 | 2.5 | EPA 625 |
| Fluoranthene | 10 | 2.2 | EPA 625 |
| Fluorene | 10 | 1.9 | EPA 625 |
| Hexachlorobenzene | 10 | 1.9 | EPA 625 |
| Hexachlorobutadiene | 10 | 0.9 | EPA 625 |
| Hexachloroethane | 10 | 1.6 | EPA 625 |
| Hexachlorocyclopentadiene | 10 | ND | CLP |
| Indeno(1,2,3-cd)pyrene | 10 | 3.7 | EPA 625 |
| Isophorone | 10 | 2.2 | EPA 625 |
| Naphthalene | 10 | 1.6 | EPA 625 |
| Nitrobenzene | 10 | 1.9 | EPA 625 |
| N-Nitrosodiphenylamine | 10 | ND | EPA 625 |
| n-Nitrosodi-n-propylamine | 10 | ND | CLP |
| Phenanthrene | 10 | 5.4 | EPA 625 |
| Pyrene | 10 | 1.9 | EPA 625 |
| 1,2,4-Trichlorobenzene | 10 | 1.9 | EPA 625 |
| 4-Chloro-3-methylphenol | 10 | 3 | EPA 625 |

**TABLE 5-3 (Continued)**



| | | | |
|---|---|---|---|
| 2-Chlorophenol | 10 | 3.3 | EPA 625 |
| 2,4-Dinitrophenol | 10 | 10 | EPA 625 |
| 2,4-Dimethylphenol | 10 | 2.7 | EPA 625 |
| 2-Methyl-4,6-dinitrophenol | 10 | 2.4 | EPA 625 |
| 2-Nitrophenol | 10 | 3.6 | EPA 625 |
| 4-Nitrophenol | 10 | 2.4 | EPA 625 |
| Pentachlorophenol | 10 | 3.6 | EPA 625 |
| Phenol | 10 | 1.5 | EPA 625 |
| 2,4,6-Trichlorophenol | 10 | 2.7 | EPA 625 |
| 2,4-Dichlorophenol | 10 | 2.7 | EPA 625 |
| Carbazole | 10 | ND | CLP |
| 4-Chloroanaline | 10 | ND | CLP |
| Di benzofuran | 10 | ND | CLP |
| 2-Methylnapthalene | 10 | ND | CLP |
| 2-Methylphenol | 10 | ND | CLP |
| 4-Methylphenol | 10 | ND | CLP |
| 2-Nitroanaline | 25 | ND | CLP |
| 3-Nitroanaline | 10 | ND | CLP |
| 4-Nitroanaline | 10 | ND | CLP |
| 2,4,5-Trichlorophenol | 25 | ND | CLP |
| **Pesticides and PCBs CLP/608** | | | |
| **Parameter** | **LRL (ug/L)** | **MDL (ug/L)** | **Reference** |
| Dieldrin | 0.10 | ND | EPA 608 |
| Alpha-BHC | 0.05 | ND | EPA 608 |
| Heptachlor | 0.05 | ND | EPA 608 |
| Aldrin | 0.05 | ND | EPA 608 |
| 4,4'-DDE | 0.10 | ND | EPA 608 |
| Endosulfan II | 0.10 | ND | EPA 608 |
| Gamma-BHC (Lindane) | 0.05 | ND | EPA 608 |

**TABLE 5-3 (Continued)**



| | | | |
|---|---|---|---|
| Beta-BHC | 0.05 | ND | EPA 608 |
| Endrin | 0.10 | ND | EPA 608 |
| Delta-BHC | 0.05 | ND | EPA 608 |
| 4,4'-DDD | 0.10 | ND | EPA 608 |
| 4,4'-DDT | 0.10 | ND | EPA 608 |
| Chlordane | 5.0 | ND | EPA 608 |
| Endosulfan I | 0.05 | ND | EPA 608 |
| Endrin Aldehyde | 0.10 | ND | EPA 608 |
| Endosulfan sulfate | 0.10 | ND | EPA 608 |
| Heptachlor epoxide | 0.05 | ND | EPA 608 |
| Toxaphene | 5.0 | ND | EPA 608 |
| alpha-Chlordane | 0.05 | ND | CLP |
| gamma Chlordane | 0.05 | ND | CLP |
| Endrin Ketone | 0.10 | ND | CLP |
| Methoxychlor | 0.50 | ND | CLP |
| Arochlor 1016 | 1.0 | ND | EPA 608 |
| Arochlor 1221 | 2.0 | ND | EPA 608 |
| Arochlor 1232 | 1.0 | ND | EPA 608 |
| Arochlor 1242 | 1.0 | ND | EPA 608 |
| Arochlor 1248 | 1.0 | ND | EPA 608 |
| Arochlor 1254 | 1.0 | ND | EPA 608 |
| Arochlor 1260 | 1.0 | ND | EPA 608 |
| **Metals ICP and AA** | | | |
| **Parameter** | **LRL (ug/L)** | **MDL (ug/L)** | **Reference** |
| Aluminum | 40 | 4.6 | EPA 200.7 |
| Barium | 0.8 | 0.7 | EPA 200.7 |
| Beryllium | 0.4 | 0.02 | EPA 200.7 |
| Boron | 6 | 4.3 | EPA 200.7 |
| Cadmium | 4 | 0.3 | EPA 200.7 |

**TABLE 5-3 (Continued)**



| | | | |
|---|---|---|---|
| Calcium | 200 | 13 | EPA 200.7 |
| Cerium | 20 | 6.3 | EPA 200.7 |
| Chromium | 6 | 0.8 | EPA 200.7 |
| Cobalt | 2 | 0.6 | EPA 200.7 |
| Copper | 6 | 0.7 | EPA 200.7 |
| Gallium | 20 | 5.3 | EPA 200.7 |
| Iron | 60 | 17 | EPA 200.7 |
| Lithium | 20 | 0.2 | EPA 200.7 |
| Magnesium | 40 | 6.0 | EPA 200.7 |
| Manganese | 2 | 0.07 | EPA 200.7 |
| Molybdenum | 6 | 1.8 | EPA 200.7 |
| Nickel | 8 | 1.5 | EPA 200.7 |
| Niobium | 10 | 3.3 | EPA 200.7 |
| Potassium | 600 | 250 | EPA 200.7 |
| Silver | 6 | 1.0 | EPA 200.7 |
| Sodium | 40 | 4.0 | EPA 200.7 |
| Strontium | 1 | 0.05 | EPA 200.7 |
| Thorium | 10 | 2.8 | EPA 200.7 |
| Titanium | 20 | 0.8 | EPA 200.7 |
| Thallium | 50 | 5.0 | EPA 200.7 |
| Vanadium | 4 | 0.9 | EPA 200.7 |
| Zinc | 10 | 3.8 | EPA 200.7 |
| Zirconium | 4 | 0.3 | EPA 200.7 |
| Arsenic | 5 | 1 | EPA 206.2 |
| Hexavalent Chromium | 10 | 10 | EPA 218.4 |
| Lead | 5 | 1 | EPA 239.2 |
| Mercury | 0.2 | 0.1 | EPA 245.1 |
| Selenium | 2 | 2 | EPA 270.2 |

**TABLE 5-3 (Continued)**



| Anions by IC | | | |
|---|---|---|---|
| **Parameter** | **LRL (mg/L)** | **MDL (mg/L)** | **Reference** |
| Bromide | 1.0 | 0.01 | 300.0-A/Aug91 |
| Chloride | 1.0 | 0.05 | 300.0-A/Aug91 |
| Nitrate-N | 0.10 | 0.002 | 300.0-A/Aug91 |
| Nitrite-N | 0.1 | 0.004 | 300.0-A/Aug91 |
| o-Phosphate-P | 0.1 | 0.003 | 300.0-A/Aug91 |
| Sulfate | 10.0 | 0.02 | 300.0-A/Aug91 |
| **Wet Chemistry and Mass Spec U** | | | |
| **Parameter** | **LRL (mg/L)** | **MDL (mg/L)** | **Reference** |
| Conductivity | 0.5 umhos | ND | EPA 120.1 |
| TDS | 5 | ND | EPA 160.1 |
| TSS | 5 | ND | EPA 160.2 |
| Alkalinity | 5 | ND | EPA 310.1 |
| Fluoride | 0.100 | 0.05 | 340.1/340.2 |
| Ammonia | 0.2 | ND | EPA 350.2 |
| BOD | 5 | ND | EPA 405.1 |
| COD | 5 | ND | EPA 410.2 |
| Oil and Grease | 2 | ND | EPA 413.1 |
| TOC | 2 | ND | EPA 415.1 |
| Mass Spec U | 0.001 | 0.0001 | Y/P65~~-7164 and~~ -7165 |

**TABLE 5-3 (Continued)**



| RADIONUCLIDES | | | |
|---|---|---|---|
| **Parameter** | **LRL (pCi/L)** | **MDL (pCi/L)** | **Procedure Used** |
| Gross Alpha and Beta | NA | 5/7 | Y/P65-7162 |
| Gamma | NA | 2-200* | Y/P65-7171 |
| Radium | NA | 1 | Y/P65-7163 |

* LRL = lower reporting limits
* MDL for gamma is isotope dependent

# Appendix C

# SUMMARY OF ANALYTICAL EVENTS

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880056 **Outfall:** Outfall 2 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18856 | E931880056 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880056 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880056 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880056 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880056 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880056 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880056 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880056 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| E18856 | E931880056 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880056 | 7/10/93 | None | 7/19/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880056 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880056 | 7/10/93 | 7/12/93 | 7/17/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880056 | 7/10/93 | None | 7/17/93 | Surface Water | Radium | N |
| E18856 | E931880056 | 7/10/93 | 7/14/93 | 7/17/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880056 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880056 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880056 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880056 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880056 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

**ELIMS Number:** E931880057 **Outfall:** Outfall 10 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18857 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880057 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880057 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880057 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880057 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880057 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880057 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880057 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880057 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880057 | 7/10/93 | None | 7/19/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880057 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880057 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880057 | 7/10/93 | 7/12/93 | 7/17/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880057 | 7/10/93 | None | 7/17/93 | Surface Water | Radium | N |
| E18856 | E931880057 | 7/10/93 | 7/14/93 | 7/17/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880057 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880057 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880057 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880057 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880057 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880058 **Outfall:** Outfall 14 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18858 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880058 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880058 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880058 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880058 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880058 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880058 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880058 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880058 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880058 | 7/10/93 | None | 7/20/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880058 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880058 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880058 | 7/10/93 | 7/12/93 | 7/17/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880058 | 7/10/93 | None | 7/17/93 | Surface Water | Radium | N |
| E18856 | E931880058 | 7/10/93 | 7/14/93 | 7/17/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880058 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880058 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880058 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880058 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880058 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

**ELIMS Number:** E931880059 **Outfall:** Outfall 17 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18859 | 7/10/93 | None | 7/10/93 | Spring Water | CR6 | N |
| D18856 | E931880059 | 7/10/93 | None | 7/22/93 | Spring Water | METID | N |
| E18856 | E931880059 | 7/10/93 | None | 7/23/93 | Spring Water | Alkalinity | N |
| E18856 | E931880059 | 7/10/93 | None | 7/15/93 | Spring Water | Alpha-Beta | N |
| E18856 | E931880059 | 7/10/93 | None | 7/14/93 | Spring Water | Ammonia-N | N |
| E18856 | E931880059 | 7/10/93 | None | 7/12/93 | Spring Water | Anions | N |
| E18856 | E931880059 | 7/10/93 | None | 7/11/93 | Spring Water | BOD | N |
| E18856 | E931880059 | 7/10/93 | None | 7/13/93 | Spring Water | COD | N |
| E18856 | E931880059 | 7/10/93 | None | 7/13/93 | Spring Water | Fluoride | N |
| E18856 | E931880059 | 7/10/93 | None | 7/20/93 | Spring Water | Gamma Spec | N |
| E18856 | E931880059 | 7/10/93 | None | 7/16/93 | Spring Water | METI | N |
| E18856 | E931880059 | 7/10/93 | None | 7/13/93 | Spring Water | Oil & Grease | N |
| E18856 | E931880059 | 7/10/93 | 7/12/93 | 7/17/93 | Spring Water | PCB/Pesticides | N |
| E18856 | E931880059 | 7/10/93 | None | 7/17/93 | Spring Water | Radium | N |
| E18856 | E931880059 | 7/10/93 | 7/14/93 | 7/17/93 | Spring Water | Semivolatiles | N |
| E18856 | E931880059 | 7/10/93 | None | 7/11/93 | Spring Water | TDS | N |
| E18856 | E931880059 | 7/10/93 | None | 7/11/93 | Spring Water | TOC | N |
| E18856 | E931880059 | 7/10/93 | None | 7/11/93 | Spring Water | TSS | N |
| E18856 | E931880059 | 7/10/93 | None | 7/15/93 | Spring Water | Volatiles | N |
| E418856 | E931880059 | 7/10/93 | None | 7/29/93 | Spring Water | Conductivity | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880060 **Outfall:** Outfall 21 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18860 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880060 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880060 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880060 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880060 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880060 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880060 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880060 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880060 | 7/10/93 | None | 7/13/93 | Surface Water | Fluoride | N |
| E18856 | E931880060 | 7/10/93 | None | 7/20/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880060 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880060 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880060 | 7/10/93 | 7/12/93 | 7/18/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880060 | 7/10/93 | None | 7/23/93 | Surface Water | Radium | N |
| E18856 | E931880060 | 7/10/93 | 7/14/93 | 7/17/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880060 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880060 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880060 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880060 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880060 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

**ELIMS Number:** E931880061 **Outfall:** Outfall 34 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18861 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880061 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880061 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880061 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880061 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880061 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880061 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880061 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880061 | 7/10/93 | None | 7/13/93 | Surface Water | Fluoride | N |
| E18856 | E931880061 | 7/10/93 | None | 7/21/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880061 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880061 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880061 | 7/10/93 | 7/12/93 | 7/18/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880061 | 7/10/93 | None | 7/23/93 | Surface Water | Radium | N |
| E18856. | E931880061 | 7/10/93 | 7/14/93 | 7/17/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880061 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880061 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880061 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880061 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880061 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880062 **Outfall:** Outfall 42 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18862 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880062 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880062 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880062 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880062 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880062 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880062 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880062 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880062 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880062 | 7/10/93 | None | 7/22/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880062 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880062 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880062 | 7/10/93 | 7/12/93 | 7/18/93 | Surface Water | PCB/Pesticides | N |
| E18856 | E931880062 | 7/10/93 | None | 7/23/93 | Surface Water | Radium | N |
| E18856 | E931880062 | 7/10/93 | 7/14/93 | 7/18/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880062 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880062 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880062 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880062 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880062 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

**ELIMS Number:** E931880065 **Outfall:** Outfall 47 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880065 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880065 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880065 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880065 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880065 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880065 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18865 | E931880065 | 7/10/93 | None | 7/13/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880065 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880065 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880065 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880065 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880065 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880065 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880066 **Outfall:** Outfall 48 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880066 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880066 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880066 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880066 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880066 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880066 | 7/10/93 | None | 7/15/93 | Surface Water | Fluoride | N |
| E18865 | E931880066 | 7/10/93 | None | 7/13/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880066 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880066 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880066 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880066 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880066 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880066 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880067 **Outfall:** Outfall49 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880067 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880067 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880067 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880067 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880067 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880067 | 7/10/93 | None | 7/15/93 | Surface Water | Fluoride | N |
| E18865 | E931880067 | 7/10/93 | None | 7/13/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880067 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880067 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880067 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880067 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880067 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880067 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880068 **Outfall:** Outfall 51 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880068 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880068 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880068 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880068 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880068 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880068 | 7/10/93 | None | 7/15/93 | Surface Water | Fluoride | N |
| E18865 | E931880068 | 7/10/93 | None | 7/14/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880068 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880068 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880068 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880068 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880068 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880068 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880070 **Outfall:** Outfall 55 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880070 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880070 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880070 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880070 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880070 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880070 | 7/10/93 | None | 7/15/93 | Surface Water | Fluoride | N |
| E18865 | E931880070 | 7/10/93 | None | 7/14/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880070 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880070 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880070 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880070 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880070 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880070 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880074 **Outfall:** Outfall 67 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880074 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880074 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880074 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880074 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880074 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880074 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880074 | 7/11/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18869 | E931880074 | 7/11/93 | None | 7/30/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880074 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880074 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880074 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880074 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880074 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880074 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880074 | 7/11/93 | None | 7/20/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880075 **Outfall:** Outfall 71 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880075 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880075 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880075 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880075 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880075 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880075 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880075 | 7/11/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18869 | E931880075 | 7/11/93 | None | 8/2/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880075 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880075 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880075 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880075 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880075 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880075 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880075 | 7/11/93 | None | 8/3/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880081 **Outfall:** Outfall 88 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880081 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880081 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880081 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880081 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880081 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880081 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880081 | 7/11/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18869 | E931880081 | 7/11/93 | None | 8/2/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880081 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880081 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880081 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880081 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880081 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880081 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880081 | 7/11/93 | None | 8/3/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880083 **Outfall:** Outfall 99 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880083 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880083 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880083 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880083 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880083 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880083 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880083 | 7/11/93 | None | 7/20/93 | Surface Water | Fluoride | N |
| E18869 | E931880083 | 7/11/93 | None | 8/2/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880083 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880083 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880083 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880083 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880083 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880083 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880083 | 7/11/93 | None | 8/3/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880086 **Outfall:** Outfall 109 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880086 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880086 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880086 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880086 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880086 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880086 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880086 | 7/11/93 | None | 7/21/93 | Surface Water | Fluoride | N |
| E18869 | E931880086 | 7/11/93 | None | 8/3/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880086 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880086 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880086 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880086 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880086 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880086 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880086 | 7/11/93 | None | 7/20/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880088 **Outfall:** Outfall 113 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880088 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880088 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880088 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880088 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880088 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880088 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880088 | 7/11/93 | None | 7/21/93 | Surface Water | Fluoride | N |
| E18869 | E931880088 | 7/11/93 | None | 8/3/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880088 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880088 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880088 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880088 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880088 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880088 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880088 | 7/11/93 | None | 7/20/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880090 **Outfall:** Outfall 122 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880090 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880090 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880090 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880090 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880090 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880090 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880090 | 7/11/93 | None | 7/21/93 | Surface Water | Fluoride | N |
| E18869 | E931880090 | 7/11/93 | None | 8/19/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880090 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880090 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880090 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880090 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880090 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880090 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880090 | 7/11/93 | None | 7/20/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880091 **Outfall:** Outfall 128 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18891 | E931880091 | 7/11/93 | None | 7/23/93 | Surface Water | METID | N |
| E18891 | E931880091 | 7/11/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18891 | E931880091 | 7/11/93 | None | 7/26/93 | Surface Water | Alpha-Beta | N |
| E18891 | E931880091 | 7/11/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18891 | E931880091 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18891 | E931880091 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18891 | E931880091 | 7/11/93 | None | 7/21/93 | Surface Water | Fluoride | N |
| E18891 | E931880091 | 7/11/93 | None | 7/27/93 | Surface Water | Gamma Spec | N |
| E18891 | E931880091 | 7/11/93 | None | 7/23/93 | Surface Water | METI | N |
| E18891 | E931880091 | 7/11/93 | None | 7/16/93 | Surface Water | Oil & Grease | N |
| E18891 | E931880091 | 7/11/93 | None | 7/26/93 | Surface Water | Radium | N |
| E18891 | E931880091 | 7/11/93 | None | 7/15/93 | Surface Water | TDS | N |
| E18891 | E931880091 | 7/11/93 | None | 7/21/93 | Surface Water | TOC | N |
| E18891 | E931880091 | 7/11/93 | None | 7/15/93 | Surface Water | TSS | N |
| E18891 | E931880091 | 7/11/93 | None | 7/22/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880094 **Outfall:** Outfall 135 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18891 | E931880094 | 7/11/93 | None | 7/23/93 | Surface Water | METID | N |
| E18891 | E931880094 | 7/11/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18891 | E931880094 | 7/11/93 | None | 7/26/93 | Surface Water | Alpha-Beta | N |
| E18891 | E931880094 | 7/11/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18891 | E931880094 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18891 | E931880094 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18891 | E931880094 | 7/11/93 | None | 7/22/93 | Surface Water | Fluoride | N |
| E18891 | E931880094 | 7/11/93 | None | 7/27/93 | Surface Water | Gamma Spec | N |
| E18891 | E931880094 | 7/11/93 | None | 7/23/93 | Surface Water | METI | N |
| E18891 | E931880094 | 7/11/93 | None | 7/16/93 | Surface Water | Oil & Grease | N |
| E18891 | E931880094 | 7/11/93 | None | 7/26/93 | Surface Water | Radium | N |
| E18891 | E931880094 | 7/11/93 | None | 7/15/93 | Surface Water | TDS | N |
| E18891 | E931880094 | 7/11/93 | None | 7/21/93 | Surface Water | TOC | N |
| E18891 | E931880094 | 7/11/93 | None | 7/15/93 | Surface Water | TSS | N |
| E18891 | E931880094 | 7/11/93 | None | 7/22/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880095 **Outfall:** N/S Pipe AM **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880095 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880095 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880095 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880095 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880095 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880095 | 7/10/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18865 | E931880095 | 7/10/93 | None | 7/15/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880095 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880095 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880095 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880095 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880095 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880095 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880071 **Outfall:** Station 8 AM/Day 1 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880071 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880071 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880071 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880071 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880071 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880071 | 7/10/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18865 | E931880071 | 7/10/93 | None | 7/14/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880071 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880071 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880071 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880071 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880071 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880071 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880072 **Outfall:** Station 8 AM/Day 1 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931880072 | 7/10/93 | None | 7/21/93 | Surface Water | METID | N |
| E18865 | E931880072 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18865 | E931880072 | 7/10/93 | None | 7/19/93 | Surface Water | Alpha-Beta | N |
| E18865 | E931880072 | 7/10/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18865 | E931880072 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18865 | E931880072 | 7/10/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18865 | E931880072 | 7/10/93 | None | 7/15/93 | Surface Water | Gamma Spec | N |
| E18865 | E931880072 | 7/10/93 | None | 7/20/93 | Surface Water | METI | N |
| E18865 | E931880072 | 7/10/93 | None | 7/23/93 | Surface Water | Oil & Grease | N |
| E18865 | E931880072 | 7/10/93 | None | 7/12/93 | Surface Water | TDS | N |
| E18865 | E931880072 | 7/10/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18865 | E931880072 | 7/10/93 | None | 7/12/93 | Surface Water | TSS | N |
| E18865 | E931880072 | 7/10/93 | None | 7/19/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880069 **Outfall:** Station 8 AM/Day 2 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931880069 | 7/11/93 | None | 7/17/93 | Surface Water | METID | N |
| E18869 | E931880069 | 7/11/93 | None | 7/19/93 | Surface Water | Alkalinity | N |
| E18869 | E931880069 | 7/11/93 | None | 7/29/93 | Surface Water | Alpha-Beta | N |
| E18869 | E931880069 | 7/11/93 | None | 7/15/93 | Surface Water | Ammonia-N | N |
| E18869 | E931880069 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18869 | E931880069 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18869 | E931880069 | 7/11/93 | None | 7/19/93 | Surface Water | Fluoride | N |
| E18869 | E931880069 | 7/11/93 | None | 7/30/93 | Surface Water | Gamma Spec | N |
| E18869 | E931880069 | 7/11/93 | None | 7/21/93 | Surface Water | METI | N |
| E18869 | E931880069 | 7/11/93 | None | 7/27/93 | Surface Water | Oil & Grease | N |
| E18869 | E931880069 | 7/11/93 | None | 8/19/93 | Surface Water | Radium | N |
| E18869 | E931880069 | 7/11/93 | None | 7/13/93 | Surface Water | TDS | N |
| E18869 | E931880069 | 7/11/93 | None | 7/20/93 | Surface Water | TOC | N |
| E18869 | E931880069 | 7/11/93 | None | 7/13/93 | Surface Water | TSS | N |
| E18869 | E931880069 | 7/11/93 | None | 7/20/93 | Surface Water | Total U | N |

**ELIMS Number:** E931880063 **Outfall:** Oil Skimmer AM **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18863 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880063 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880063 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880063 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880063 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880063 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880063 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880063 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880063 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880063 | 7/10/93 | None | 7/26/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880063 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880063 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880063 | 7/10/93 | None | 7/23/93 | Surface Water | Radium | N |
| E18856 | E931880063 | 7/10/93 | 7/14/93 | 7/18/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880063 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880063 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880063 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880063 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880063 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Regular Samples

**ELIMS Number:** E931880064 **Outfall:** Oil Skimmer PM **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E18864 | 7/10/93 | None | 7/10/93 | Surface Water | CR6 | N |
| D18856 | E931880064 | 7/10/93 | None | 7/22/93 | Surface Water | METID | N |
| E18856 | E931880064 | 7/10/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18856 | E931880064 | 7/10/93 | None | 7/15/93 | Surface Water | Alpha-Beta | N |
| E18856 | E931880064 | 7/10/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18856 | E931880064 | 7/10/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18856 | E931880064 | 7/10/93 | None | 7/11/93 | Surface Water | BOD | N |
| E18856 | E931880064 | 7/10/93 | None | 7/13/93 | Surface Water | COD | N |
| E18856 | E931880064 | 7/10/93 | None | 7/14/93 | Surface Water | Fluoride | N |
| E18856 | E931880064 | 7/10/93 | None | 7/26/93 | Surface Water | Gamma Spec | N |
| E18856 | E931880064 | 7/10/93 | None | 7/16/93 | Surface Water | METI | N |
| E18856 | E931880064 | 7/10/93 | None | 7/13/93 | Surface Water | Oil & Grease | N |
| E18856 | E931880064 | 7/10/93 | None | 7/24/93 | Surface Water | Radium | N |
| E18856 | E931880064 | 7/10/93 | 7/14/93 | 7/18/93 | Surface Water | Semivolatiles | N |
| E18856 | E931880064 | 7/10/93 | None | 7/11/93 | Surface Water | TDS | N |
| E18856 | E931880064 | 7/10/93 | None | 7/11/93 | Surface Water | TOC | N |
| E18856 | E931880064 | 7/10/93 | None | 7/11/93 | Surface Water | TSS | N |
| E18856 | E931880064 | 7/10/93 | None | 7/15/93 | Surface Water | Volatiles | N |
| E418856 | E931880064 | 7/10/93 | None | 7/29/93 | Surface Water | Conductivity | N |

**ELIMS Number:** E931880096 **Outfall:** N/S Pipe PM **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18891 | E931880096 | 7/11/93 | None | 7/23/93 | Surface Water | METID | N |
| E18891 | E931880096 | 7/11/93 | None | 7/23/93 | Surface Water | Alkalinity | N |
| E18891 | E931880096 | 7/11/93 | None | 7/26/93 | Surface Water | Alpha-Beta | N |
| E18891 | E931880096 | 7/11/93 | None | 7/14/93 | Surface Water | Ammonia-N | N |
| E18891 | E931880096 | 7/11/93 | None | 7/12/93 | Surface Water | Anions | N |
| E18891 | E931880096 | 7/11/93 | None | 7/29/93 | Surface Water | Conductivity | N |
| E18891 | E931880096 | 7/11/93 | None | 7/22/93 | Surface Water | Fluoride | N |
| E18891 | E931880096 | 7/11/93 | None | 7/28/93 | Surface Water | Gamma Spec | N |
| E18891 | E931880096 | 7/11/93 | None | 7/23/93 | Surface Water | METI | N |
| E18891 | E931880096 | 7/11/93 | None | 7/16/93 | Surface Water | Oil & Grease | N |
| E18891 | E931880096 | 7/11/93 | None | 7/26/93 | Surface Water | Radium | N |
| E18891 | E931880096 | 7/11/93 | None | 7/15/93 | Surface Water | TDS | N |
| E18891 | E931880096 | 7/11/93 | None | 7/21/93 | Surface Water | TOC | N |
| E18891 | E931880096 | 7/11/93 | None | 7/15/93 | Surface Water | TSS | N |
| E18891 | E931880096 | 7/11/93 | None | 7/22/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E931920001 **Outfall:** Field Blank **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18891 | E931920001 | 7/11/93 | None | 7/23/93 | ASTM | METI | N |

**ELIMS Number:** E931920002 **Outfall:** Field Blank **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18891 | E931920002 | 7/11/93 | None | 7/23/93 | ASTM | METI | N |

**ELIMS Number:** E931920000 **Outfall:** Field Lab Rinseate **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18891 | E931920000 | 7/11/93 | None | 7/23/93 | Mob. Lab Blank | METID | N |
| E18891 | E931920000 | 7/11/93 | None | 7/12/93 | Mob. Lab Blank | Anions | N |
| E18891 | E931920000 | 7/11/93 | None | 7/29/93 | Mob. Lab Blank | Conductivity | N |

**ELIMS Number:** E931900006 **Outfall:** Dup. # 1/Outfall 17 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E19006 | 7/10/93 | None | 7/10/93 | Duplicate | CR6 | N |
| D18856 | E931900006 | 7/10/93 | None | 7/22/93 | Duplicate | METID | N |
| E18856 | E931900006 | 7/10/93 | None | 7/23/93 | Duplicate | Alkalinity | N |
| E18856 | E931900006 | 7/10/93 | None | 7/15/93 | Duplicate | Alpha-Beta | N |
| E18856 | E931900006 | 7/10/93 | None | 7/14/93 | Duplicate | Ammonia-N | N |
| E18856 | E931900006 | 7/10/93 | None | 7/12/93 | Duplicate | Anions | N |
| E18856 | E931900006 | 7/10/93 | None | 7/11/93 | Duplicate | BOD | N |
| E18856 | E931900006 | 7/10/93 | None | 7/13/93 | Duplicate | COD | N |
| E18856 | E931900006 | 7/10/93 | None | 7/29/93 | Duplicate | Conductivity | N |
| E18856 | E931900006 | 7/10/93 | None | 7/15/93 | Duplicate | Fluoride | N |
| E18856 | E931900006 | 7/10/93 | None | 7/26/93 | Duplicate | Gamma Spec | N |
| E18856 | E931900006 | 7/10/93 | None | 7/16/93 | Duplicate | METI | N |
| E18856 | E931900006 | 7/10/93 | None | 7/13/93 | Duplicate | Oil & Grease | N |
| E18856 | E931900006 | 7/10/93 | 7/12/93 | 7/18/93 | Duplicate | PCB/Pesticides | N |
| E18856 | E931900006 | 7/10/93 | None | 7/24/93 | Duplicate | Radium | N |
| E18856 | E931900006 | 7/10/93 | 7/14/93 | 7/18/93 | Duplicate | Semivolatiles | N |
| E18856 | E931900006 | 7/10/93 | None | 7/11/93 | Duplicate | TDS | N |
| E18856 | E931900006 | 7/10/93 | None | 7/11/93 | Duplicate | TOC | N |
| E18856 | E931900006 | 7/10/93 | None | 7/11/93 | Duplicate | TSS | N |
| E18856 | E931900006 | 7/10/93 | None | 7/15/93 | Duplicate | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E931900009 **Outfall:** Dup. # 2/Outfall 55 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18869 | E931900009 | 7/10/93 | None | 7/17/93 | Duplicate | METID | N |
| E18869 | E931900009 | 7/10/93 | None | 7/19/93 | Duplicate | Alkalinity | N |
| E18869 | E931900009 | 7/10/93 | None | 7/29/93 | Duplicate | Alpha-Beta | N |
| E18869 | E931900009 | 7/10/93 | None | 7/15/93 | Duplicate | Ammonia-N | N |
| E18869 | E931900009 | 7/10/93 | None | 7/12/93 | Duplicate | Anions | N |
| E18869 | E931900009 | 7/10/93 | None | 7/29/93 | Duplicate | Conductivity | N |
| E18869 | E931900009 | 7/10/93 | None | 7/20/93 | Duplicate | Fluoride | N |
| E18869 | E931900009 | 7/10/93 | None | 7/29/93 | Duplicate | Gamma Spec | N |
| E18869 | E931900009 | 7/10/93 | None | 7/21/93 | Duplicate | METI | N |
| E18869 | E931900009 | 7/10/93 | None | 7/27/93 | Duplicate | Oil & Grease | N |
| E18869 | E931900009 | 7/10/93 | None | 8/19/93 | Duplicate | Radium | N |
| E18869 | E931900009 | 7/10/93 | None | 7/13/93 | Duplicate | TDS | N |
| E18869 | E931900009 | 7/10/93 | None | 7/20/93 | Duplicate | TOC | N |
| E18869 | E931900009 | 7/10/93 | None | 7/13/93 | Duplicate | TSS | N |
| E18869 | E931900009 | 7/10/93 | None | 7/20/93 | Duplicate | Total U | N |

**ELIMS Number:** E931900010 **Outfall:** Dup. # 3/Outfall 135 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18891 | E931900010 | 7/11/93 | None | 7/23/93 | Duplicate | METID | N |
| E18891 | E931900010 | 7/11/93 | None | 7/23/93 | Duplicate | Alkalinity | N |
| E18891 | E931900010 | 7/11/93 | None | 7/26/93 | Duplicate | Alpha-Beta | N |
| E18891 | E931900010 | 7/11/93 | None | 7/14/93 | Duplicate | Ammonia-N | N |
| E18891 | E931900010 | 7/11/93 | None | 7/12/93 | Duplicate | Anions | N |
| E18891 | E931900010 | 7/11/93 | None | 7/29/93 | Duplicate | Conductivity | N |
| E18891 | E931900010 | 7/11/93 | None | 7/21/93 | Duplicate | Fluoride | N |
| E18891 | E931900010 | 7/11/93 | None | 7/30/93 | Duplicate | Gamma Spec | N |
| E18891 | E931900010 | 7/11/93 | None | 7/23/93 | Duplicate | METI | N |
| E18891 | E931900010 | 7/11/93 | None | 7/16/93 | Duplicate | Oil & Grease | N |
| E18891 | E931900010 | 7/11/93 | None | 7/26/93 | Duplicate | Radium | N |
| E18891 | E931900010 | 7/11/93 | None | 7/15/93 | Duplicate | TDS | N |
| E18891 | E931900010 | 7/11/93 | None | 7/21/93 | Duplicate | TOC | N |
| E18891 | E931900010 | 7/11/93 | None | 7/15/93 | Duplicate | TSS | N |
| E18891 | E931900010 | 7/11/93 | None | 7/22/93 | Duplicate | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E931900011 **Outfall:** Dup. #4/Station 8 PM **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D18865 | E931900011 | 7/10/93 | None | 7/21/93 | Duplicate | METID | N |
| E18865 | E931900011 | 7/10/93 | None | 7/23/93 | Duplicate | Alkalinity | N |
| E18865 | E931900011 | 7/10/93 | None | 7/19/93 | Duplicate | Alpha-Beta | N |
| E18865 | E931900011 | 7/10/93 | None | 7/15/93 | Duplicate | Ammonia-N | N |
| E18865 | E931900011 | 7/10/93 | None | 7/12/93 | Duplicate | Anions | N |
| E18865 | E931900011 | 7/10/93 | None | 7/20/93 | Duplicate | Fluoride | N |
| E18865 | E931900011 | 7/10/93 | None | 7/15/93 | Duplicate | Gamma Spec | N |
| E18865 | E931900011 | 7/10/93 | None | 7/20/93 | Duplicate | METI | N |
| E18865 | E931900011 | 7/10/93 | None | 7/23/93 | Duplicate | Oil & Grease | N |
| E18865 | E931900011 | 7/10/93 | None | 7/12/93 | Duplicate | TDS | N |
| E18865 | E931900011 | 7/10/93 | None | 7/20/93 | Duplicate | TOC | N |
| E18865 | E931900011 | 7/10/93 | None | 7/12/93 | Duplicate | TSS | N |
| E18865 | E931900011 | 7/10/93 | None | 7/19/93 | Duplicate | Total U | N |

### Trip Blanks

**ELIMS Number:** E931900014 **Outfall:** Cooler 3 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900014 | 7/10/93 | None | 7/15/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931900016 **Outfall:** Cooler 5 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900016 | 7/10/93 | None | 7/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931910001 **Outfall:** Cooler 8 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931910001 | 7/10/93 | None | 7/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931900013 **Outfall:** Cooler 2 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900013 | 7/10/93 | None | 7/15/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 1
### Trip Blanks

**ELIMS Number:** E931900018 **Outfall:** Cooler 7 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900018 | 7/10/93 | None | 7/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931900017 **Outfall:** Cooler 6 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900017 | 7/10/93 | None | 7/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931900015 **Outfall:** Cooler 4 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900015 | 7/10/93 | None | 7/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E931900012 **Outfall:** Cooler 1 **Event Name:** Event 1, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E18856 | E931900012 | 7/10/93 | None | 7/15/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230049 **Outfall:** Outfall 150 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230049 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230049 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230049 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230049 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230049 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230049 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230049 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230049 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230049 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230049 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22349 | E932230049 | 8/14/93 | None | 8/26/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230049 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230049 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230049 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230049 | 8/14/93 | 8/17/93 | 8/21/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230049 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230049 | 8/14/93 | 8/16/93 | 9/1/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230049 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230049 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230049 | 8/14/93 | None | 8/17/93 | Surface Water | TSS | N |
| E22349 | E932230049 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22349 | E932230049 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230051 **Outfall:** Outfall 160 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230051 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230051 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230051 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230051 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230051 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230051 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230051 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230051 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230051 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230051 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22349 | E932230051 | 8/14/93 | None | 8/26/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230051 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230051 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230051 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230051 | 8/14/93 | 8/17/93 | 8/21/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230051 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230051 | 8/14/93 | 8/16/93 | 9/1/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230051 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230051 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230051 | 8/14/93 | None | 8/17/93 | Surface Water | TSS | N |
| E22349 | E932230051 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22349 | E932230051 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230050 **Outfall:** Outfall 163 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230050 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230050 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230050 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230050 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230050 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230050 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230050 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230050 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230050 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230050 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22349 | E932230050 | 8/14/93 | None | 8/26/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230050 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230050 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230050 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230050 | 8/14/93 | 8/17/93 | 8/21/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230050 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230050 | 8/14/93 | 8/16/93 | 9/10/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230050 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230050 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230050 | 8/14/93 | None | 8/17/93 | Surface Water | TSS | N |
| E22349 | E932230050 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22349 | E932230050 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230052 **Outfall:** Outfall 169 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230052 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230052 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230052 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230052 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230052 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230052 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230052 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230052 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230052 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230052 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22349 | E932230052 | 8/14/93 | None | 8/26/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230052 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230052 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230052 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230052 | 8/14/93 | 8/17/93 | 8/21/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230052 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230052 | 8/14/93 | 8/16/93 | 9/3/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230052 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230052 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230052 | 8/14/93 | None | 8/17/93 | Surface Water | TSS | N |
| E22349 | E932230052 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22349 | E932230052 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230053 **Outfall:** Outfall 179 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230053 | 8/14/93 | None | 9/2/93 | Surface Water | METAD | N |
| D22353 | E932230053 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22353 | E932230053 | 8/14/93 | None | 8/14/93 | Surface Water | Alkalinity | N |
| E22353 | E932230053 | 8/14/93 | None | 9/1/93 | Surface Water | Alpha-Beta | N |
| E22353 | E932230053 | 8/14/93 | None | 8/17/93 | Surface Water | Ammonia-N | N |
| E22353 | E932230053 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22353 | E932230053 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22353 | E932230053 | 8/14/93 | None | 8/17/93 | Surface Water | COD | N |
| E22353 | E932230053 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22353 | E932230053 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22353 | E932230053 | 8/14/93 | None | 9/1/93 | Surface Water | Gamma Spec | N |
| E22353 | E932230053 | 8/14/93 | None | 9/2/93 | Surface Water | META | N |
| E22353 | E932230053 | 8/14/93 | None | 8/23/93 | Surface Water | METI | N |
| E22353 | E932230053 | 8/14/93 | None | 8/23/93 | Surface Water | Oil & Grease | N |
| E22353 | E932230053 | 8/14/93 | 8/17/93 | 8/21/93 | Surface Water | PCB/Pesticides | N |
| E22353 | E932230053 | 8/14/93 | None | 8/26/93 | Surface Water | Radium | N |
| E22353 | E932230053 | 8/14/93 | 8/18/93 | 9/7/93 | Surface Water | Semivolatiles | N |
| E22353 | E932230053 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22353 | E932230053 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22353 | E932230053 | 8/14/93 | None | 8/14/93 | Surface Water | TSS | N |
| E22353 | E932230053 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22353 | E932230053 | 8/14/93 | None | 8/19/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

**Table C-1**
**Summary of Analytical Events**
**UEFPC Dry Weather Surface Water Characterization**

**Event 1, Part 2**
**Regular Samples**

**ELIMS Number:** E932230055 **Outfall:** Outfall 189 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230055 | 8/14/93 | None | 9/2/93 | Surface Water | METAD | N |
| D22353 | E932230055 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22353 | E932230055 | 8/14/93 | None | 8/19/93 | Surface Water | Alkalinity | N |
| E22353 | E932230055 | 8/14/93 | None | 9/1/93 | Surface Water | Alpha-Beta | N |
| E22353 | E932230055 | 8/14/93 | None | 8/17/93 | Surface Water | Ammonia-N | N |
| E22353 | E932230055 | 8/14/93 | None | 9/23/93 | Surface Water | Anions | Y |
| E22353 | E932230055 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22353 | E932230055 | 8/14/93 | None | 8/17/93 | Surface Water | COD | N |
| E22353 | E932230055 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22353 | E932230055 | 8/14/93 | None | 8/16/93 | Surface Water | Fluoride | N |
| E22353 | E932230055 | 8/14/93 | None | 9/2/93 | Surface Water | Gamma Spec | N |
| E22353 | E932230055 | 8/14/93 | None | 9/2/93 | Surface Water | META | N |
| E22353 | E932230055 | 8/14/93 | None | 8/23/93 | Surface Water | METI | N |
| E22353 | E932230055 | 8/14/93 | None | 8/23/93 | Surface Water | Oil & Grease | N |
| E22353 | E932230055 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22353 | E932230055 | 8/14/93 | None | 8/26/93 | Surface Water | Radium | N |
| E22353 | E932230055 | 8/14/93 | 8/18/93 | 9/10/93 | Surface Water | Semivolatiles | N |
| E22353 | E932230055 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22353 | E932230055 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22353 | E932230055 | 8/14/93 | None | 8/14/93 | Surface Water | TSS | N |
| E22353 | E932230055 | 8/14/93 | None | 9/20/93 | Surface Water | Total U | N |
| E22353 | E932230055 | 8/14/93 | None | 8/19/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

**Table C-1**
**Summary of Analytical Events**
**UEFPC Dry Weather Surface Water Characterization**

**Event 1, Part 2**
**Regular Samples**

**ELIMS Number:** E932230056 **Outfall:** Outfall 190 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230056 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230056 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230056 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230056 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230056 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230056 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230056 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230056 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230056 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230056 | 8/14/93 | None | 8/16/93 | Surface Water | Fluoride | N |
| E22349 | E932230056 | 8/14/93 | None | 8/31/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230056 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230056 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230056 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230056 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230056 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230056 | 8/14/93 | 8/16/93 | 9/8/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230056 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230056 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230056 | 8/14/93 | None | 8/17/93 | Surface Water | TSS | N |
| E22349 | E932230056 | 8/14/93 | None | 9/20/93 | Surface Water | Total U | N |
| E22349 | E932230056 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230058 **Outfall:** N/S Pipe AM **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230058 | 8/14/93 | None | 9/2/93 | Surface Water | METAD | N |
| D22353 | E932230058 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22353 | E932230058 | 8/14/93 | None | 8/19/93 | Surface Water | Alkalinity | N |
| E22353 | E932230058 | 8/14/93 | None | 9/1/93 | Surface Water | Alpha-Beta | N |
| E22353 | E932230058 | 8/14/93 | None | 8/17/93 | Surface Water | Ammonia-N | N |
| E22353 | E932230058 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22353 | E932230058 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22353 | E932230058 | 8/14/93 | None | 8/17/93 | Surface Water | COD | N |
| E22353 | E932230058 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22353 | E932230058 | 8/14/93 | None | 8/16/93 | Surface Water | Fluoride | N |
| E22353 | E932230058 | 8/14/93 | None | 9/7/93 | Surface Water | Gamma Spec | N |
| E22353 | E932230058 | 8/14/93 | None | 9/2/93 | Surface Water | META | N |
| E22353 | E932230058 | 8/14/93 | None | 8/23/93 | Surface Water | METI | N |
| E22353 | E932230058 | 8/14/93 | None | 8/23/93 | Surface Water | Oil & Grease | N |
| E22353 | E932230058 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22353 | E932230058 | 8/14/93 | None | 8/26/93 | Surface Water | Radium | N |
| E22353 | E932230058 | 8/14/93 | 8/18/93 | 9/8/93 | Surface Water | Semivolatiles | N |
| E22353 | E932230058 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22353 | E932230058 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22353 | E932230058 | 8/14/93 | None | 8/14/93 | Surface Water | TSS | N |
| E22353 | E932230058 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22353 | E932230058 | 8/14/93 | None | 8/19/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230057 **Outfall:** Western Line **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230057 | 8/14/93 | None | 9/2/93 | Surface Water | METAD | N |
| D22353 | E932230057 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22353 | E932230057 | 8/14/93 | None | 8/19/93 | Surface Water | Alkalinity | N |
| E22353 | E932230057 | 8/14/93 | None | 9/1/93 | Surface Water | Alpha-Beta | N |
| E22353 | E932230057 | 8/14/93 | None | 8/17/93 | Surface Water | Ammonia-N | N |
| E22353 | E932230057 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22353 | E932230057 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22353 | E932230057 | 8/14/93 | None | 8/17/93 | Surface Water | COD | N |
| E22353 | E932230057 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22353 | E932230057 | 8/14/93 | None | 8/16/93 | Surface Water | Fluoride | N |
| E22353 | E932230057 | 8/14/93 | None | 9/7/93 | Surface Water | Gamma Spec | N |
| E22353 | E932230057 | 8/14/93 | None | 9/2/93 | Surface Water | META | N |
| E22353 | E932230057 | 8/14/93 | None | 8/23/93 | Surface Water | METI | N |
| E22353 | E932230057 | 8/14/93 | None | 8/23/93 | Surface Water | Oil & Grease | N |
| E22353 | E932230057 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22353 | E932230057 | 8/14/93 | None | 8/26/93 | Surface Water | Radium | N |
| E22353 | E932230057 | 8/14/93 | 8/18/93 | 9/8/93 | Surface Water | Semivolatiles | N |
| E22353 | E932230057 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22353 | E932230057 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22353 | E932230057 | 8/14/93 | None | 8/14/93 | Surface Water | TSS | N |
| E22353 | E932230057 | 8/14/93 | None | 9/20/93 | Surface Water | Total U | N |
| E22353 | E932230057 | 8/14/93 | None | 8/19/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Regular Samples

**ELIMS Number:** E932230054 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230054 | 8/14/93 | None | 9/2/93 | Surface Water | METAD | N |
| D22353 | E932230054 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22353 | E932230054 | 8/14/93 | None | 8/19/93 | Surface Water | Alkalinity | N |
| E22353 | E932230054 | 8/14/93 | None | 9/1/93 | Surface Water | Alpha-Beta | N |
| E22353 | E932230054 | 8/14/93 | None | 8/17/93 | Surface Water | Ammonia-N | N |
| E22353 | E932230054 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22353 | E932230054 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22353 | E932230054 | 8/14/93 | None | 8/17/93 | Surface Water | COD | N |
| E22353 | E932230054 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22353 | E932230054 | 8/14/93 | None | 8/15/93 | Surface Water | Fluoride | N |
| E22353 | E932230054 | 8/14/93 | None | 9/2/93 | Surface Water | Gamma Spec | N |
| E22353 | E932230054 | 8/14/93 | None | 9/2/93 | Surface Water | META | N |
| E22353 | E932230054 | 8/14/93 | None | 8/23/93 | Surface Water | METI | N |
| E22353 | E932230054 | 8/14/93 | None | 8/23/93 | Surface Water | Oil & Grease | N |
| E22353 | E932230054 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22353 | E932230054 | 8/14/93 | None | 8/26/93 | Surface Water | Radium | N |
| E22353 | E932230054 | 8/14/93 | 8/18/93 | 9/7/93 | Surface Water | Semivolatiles | N |
| E22353 | E932230054 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22353 | E932230054 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22353 | E932230054 | 8/14/93 | None | 8/14/93 | Surface Water | TSS | N |
| E22353 | E932230054 | 8/14/93 | None | 9/20/93 | Surface Water | Total U | N |
| E22353 | E932230054 | 8/14/93 | None | 8/19/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932230059 **Outfall:** N/S Pipe PM **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230059 | 8/14/93 | None | 9/1/93 | Surface Water | METAD | N |
| D22349 | E932230059 | 8/14/93 | None | 8/24/93 | Surface Water | METID | N |
| E22349 | E932230059 | 8/14/93 | None | 8/24/93 | Surface Water | Alkalinity | N |
| E22349 | E932230059 | 8/14/93 | None | 9/7/93 | Surface Water | Alpha-Beta | N |
| E22349 | E932230059 | 8/14/93 | None | 8/24/93 | Surface Water | Ammonia-N | N |
| E22349 | E932230059 | 8/14/93 | None | 8/16/93 | Surface Water | Anions | N |
| E22349 | E932230059 | 8/14/93 | None | 8/15/93 | Surface Water | BOD | N |
| E22349 | E932230059 | 8/14/93 | None | 8/18/93 | Surface Water | COD | N |
| E22349 | E932230059 | 8/14/93 | None | 8/15/93 | Surface Water | CR6 | N |
| E22349 | E932230059 | 8/14/93 | None | 8/16/93 | Surface Water | Fluoride | N |
| E22349 | E932230059 | 8/14/93 | None | 8/31/93 | Surface Water | Gamma Spec | N |
| E22349 | E932230059 | 8/14/93 | None | 9/1/93 | Surface Water | META | N |
| E22349 | E932230059 | 8/14/93 | None | 8/19/93 | Surface Water | METI | N |
| E22349 | E932230059 | 8/14/93 | None | 8/20/93 | Surface Water | Oil & Grease | N |
| E22349 | E932230059 | 8/14/93 | 8/17/93 | 8/22/93 | Surface Water | PCB/Pesticides | N |
| E22349 | E932230059 | 8/14/93 | None | 8/25/93 | Surface Water | Radium | N |
| E22349 | E932230059 | 8/14/93 | 8/16/93 | 9/3/93 | Surface Water | Semivolatiles | N |
| E22349 | E932230059 | 8/14/93 | None | 8/17/93 | Surface Water | TDS | N |
| E22349 | E932230059 | 8/14/93 | None | 8/17/93 | Surface Water | TOC | N |
| E22349 | E932230059 | 8/14/93 | None | 9/13/93 | Surface Water | Total U | N |
| E22349 | E932230059 | 8/14/93 | None | 8/18/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932250026 **Outfall:** Field Blank **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932250026 | 8/14/93 | None | 9/1/93 | Field Blank | METAD | N |
| D22349 | E932250026 | 8/14/93 | None | 8/24/93 | Field Blank | METID | N |
| E22349 | E932250026 | 8/14/93 | None | 8/24/93 | Field Blank | Alkalinity | N |
| E22349 | E932250026 | 8/14/93 | None | 9/7/93 | Field Blank | Alpha-Beta | N |
| E22349 | E932250026 | 8/14/93 | None | 8/24/93 | Field Blank | Ammonia-N | N |
| E22349 | E932250026 | 8/14/93 | None | 8/16/93 | Field Blank | Anions | N |
| E22349 | E932250026 | 8/14/93 | None | 8/15/93 | Field Blank | BOD | N |
| E22349 | E932250026 | 8/14/93 | None | 8/18/93 | Field Blank | COD | N |
| E22349 | E932250026 | 8/14/93 | None | 8/15/93 | Field Blank | CR6 | N |
| E22349 | E932250026 | 8/14/93 | None | 8/17/93 | Field Blank | Fluoride | N |
| E22349 | E932250026 | 8/14/93 | None | 9/1/93 | Field Blank | Gamma Spec | N |
| E22349 | E932250026 | 8/14/93 | None | 9/1/93 | Field Blank | META | N |
| E22349 | E932250026 | 8/14/93 | None | 8/19/93 | Field Blank | METI | N |
| E22349 | E932250026 | 8/14/93 | None | 8/20/93 | Field Blank | Oil & Grease | N |
| E22349 | E932250026 | 8/14/93 | 8/17/93 | 8/23/93 | Field Blank | PCB/Pesticides | N |
| E22349 | E932250026 | 8/14/93 | None | 9/27/93 | Field Blank | Radium | N |
| E22349 | E932250026 | 8/14/93 | 8/16/93 | 9/3/93 | Field Blank | Semivolatiles | N |
| E22349 | E932250026 | 8/14/93 | None | 8/17/93 | Field Blank | TDS | N |
| E22349 | E932250026 | 8/14/93 | None | 8/17/93 | Field Blank | TOC | N |
| E22349 | E932250026 | 8/14/93 | None | 8/17/93 | Field Blank | TSS | N |
| E22349 | E932250026 | 8/14/93 | None | 9/13/93 | Field Blank | Total U | N |
| E22349 | E932250026 | 8/14/93 | None | 8/18/93 | Field Blank | Volatiles | N |

**ELIMS Number:** E932250027 **Outfall:** Field Lab Rinseate **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932250027 | 8/14/93 | None | 9/1/93 | Mob. Lab Blank | METAD | N |
| D22349 | E932250027 | 8/14/93 | None | 8/24/93 | Mob. Lab Blank | METID | N |
| E22349 | E932250027 | 8/14/93 | None | 8/16/93 | Mob. Lab Blank | Anions | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932230061 **Outfall:** Dup. # 2/Outfall 150 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22349 | E932230061 | 8/14/93 | None | 9/1/93 | Duplicate | METAD | N |
| D22349 | E932230061 | 8/14/93 | None | 8/24/93 | Duplicate | METID | N |
| E22349 | E932230061 | 8/14/93 | None | 8/24/93 | Duplicate | Alkalinity | N |
| E22349 | E932230061 | 8/14/93 | None | 9/7/93 | Duplicate | Alpha-Beta | N |
| E22349 | E932230061 | 8/14/93 | None | 8/24/93 | Duplicate | Ammonia-N | N |
| E22349 | E932230061 | 8/14/93 | None | 8/16/93 | Duplicate | Anions | N |
| E22349 | E932230061 | 8/14/93 | None | 8/15/93 | Duplicate | BOD | N |
| E22349 | E932230061 | 8/14/93 | None | 8/18/93 | Duplicate | COD | N |
| E22349 | E932230061 | 8/14/93 | None | 8/15/93 | Duplicate | CR6 | N |
| E22349 | E932230061 | 8/14/93 | None | 8/17/93 | Duplicate | Fluoride | N |
| E22349 | E932230061 | 8/14/93 | None | 8/31/93 | Duplicate | Gamma Spec | N |
| E22349 | E932230061 | 8/14/93 | None | 9/1/93 | Duplicate | META | N |
| E22349 | E932230061 | 8/14/93 | None | 8/19/93 | Duplicate | METI | N |
| E22349 | E932230061 | 8/14/93 | None | 8/20/93 | Duplicate | Oil & Grease | N |
| E22349 | E932230061 | 8/14/93 | 8/17/93 | 8/22/93 | Duplicate | PCB/Pesticides | N |
| E22349 | E932230061 | 8/14/93 | None | 9/27/93 | Duplicate | Radium | N |
| E22349 | E932230061 | 8/14/93 | 8/16/93 | 9/3/93 | Duplicate | Semivolatiles | N |
| E22349 | E932230061 | 8/14/93 | None | 8/17/93 | Duplicate | TDS | N |
| E22349 | E932230061 | 8/14/93 | None | 8/17/93 | Duplicate | TOC | N |
| E22349 | E932230061 | 8/14/93 | None | 8/17/93 | Duplicate | TSS | N |
| E22349 | E932230061 | 8/14/93 | None | 9/13/93 | Duplicate | Total U | N |
| E22349 | E932230061 | 8/14/93 | None | 8/18/93 | Duplicate | Volatiles | N |

**ELIMS Number:** E932230060 **Outfall:** Dup. #1/Western Line **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230060 | 8/14/93 | None | 8/19/93 | Duplicate | Volatiles | N |

### Trip Blanks

**ELIMS Number:** E932250008 **Outfall:** TB for Dup. #2/Outfall 150 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932250008 | 8/14/93 | None | 8/18/93 | Duplicate | Volatiles | N |

**ELIMS Number:** E932250007 **Outfall:** TB for FB **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932250007 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Trip Blanks

**ELIMS Number:** E932230062 **Outfall:** Outfall 150 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230062 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230064 **Outfall:** Outfall 160 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230064 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230063 **Outfall:** Outfall 163 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230063 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230065 **Outfall:** Outfall 169 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230065 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230066 **Outfall:** Outfall 179 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230066 | 8/14/93 | None | 8/19/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230068 **Outfall:** Outfall 189 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230068 | 8/14/93 | None | 8/19/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Trip Blanks

**ELIMS Number:** E932230069 **Outfall:** Outfall 190 **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230069 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230071 **Outfall:** N/S Pipe AM **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230071 | 8/14/93 | None | 8/19/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230070 **Outfall:** Western Line **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230070 | 8/14/93 | None | 8/23/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230073 **Outfall:** Dup. #1/Western Line **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D22353 | E932230073 | 8/14/93 | None | 9/2/93 | Trip Blank | METAD | N |
| D22353 | E932230073 | 8/14/93 | None | 8/24/93 | Trip Blank | METID | N |
| E22353 | E932230073 | 8/14/93 | None | 8/19/93 | Trip Blank | Alkalinity | N |
| E22353 | E932230073 | 8/14/93 | None | 9/1/93 | Trip Blank | Alpha-Beta | N |
| E22353 | E932230073 | 8/14/93 | None | 8/17/93 | Trip Blank | Ammonia-N | N |
| E22353 | E932230073 | 8/14/93 | None | 8/16/93 | Trip Blank | Anions | N |
| E22353 | E932230073 | 8/14/93 | None | 8/15/93 | Trip Blank | BOD | N |
| E22353 | E932230073 | 8/14/93 | None | 8/17/93 | Trip Blank | COD | N |
| E22353 | E932230073 | 8/14/93 | None | 8/15/93 | Trip Blank | CR6 | N |
| E22353 | E932230073 | 8/14/93 | None | 8/17/93 | Trip Blank | Fluoride | N |
| E22353 | E932230073 | 8/14/93 | None | 9/7/93 | Trip Blank | Gamma Spec | N |
| E22353 | E932230073 | 8/14/93 | None | 9/2/93 | Trip Blank | META | N |
| E22353 | E932230073 | 8/14/93 | None | 8/23/93 | Trip Blank | METI | N |
| E22353 | E932230073 | 8/14/93 | None | 8/23/93 | Trip Blank | Oil & Grease | N |
| E22353 | E932230073 | 8/14/93 | 8/17/93 | 8/22/93 | Trip Blank | PCB/Pesticides | N |
| E22353 | E932230073 | 8/14/93 | None | 8/26/93 | Trip Blank | Radium | N |
| E22353 | E932230073 | 8/14/93 | 8/18/93 | 9/8/93 | Trip Blank | Semivolatiles | N |
| E22353 | E932230073 | 8/14/93 | None | 8/17/93 | Trip Blank | TDS | N |
| E22353 | E932230073 | 8/14/93 | None | 8/17/93 | Trip Blank | TOC | N |
| E22353 | E932230073 | 8/14/93 | None | 8/14/93 | Trip Blank | TSS | N |
| E22353 | E932230073 | 8/14/93 | None | 9/21/93 | Trip Blank | Total U | N |
| E22353 | E932230073 | 8/14/93 | None | 8/19/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 1, Part 2
### Trip Blanks

**ELIMS Number:** E932230067 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22353 | E932230067 | 8/14/93 | None | 8/19/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932230072 **Outfall:** N/S Pipe PM **Event Name:** Event 1, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E22349 | E932230072 | 8/14/93 | None | 8/18/93 | Trip Blank | Volatiles | N |

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540025 **Outfall:** Outfall 2 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25425 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25425 | 9/14/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932540025 | 9/14/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540025 | 9/14/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540025 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540025 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540025 | 9/14/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25423 | E932540025 | 9/14/93 | None | 9/28/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540025 | 9/14/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540025 | 9/14/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540025 | 9/14/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540025 | 9/14/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932540025 | 9/14/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540025 | 9/14/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540025 | 9/14/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540025 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540026 **Outfall:** Outfall 10 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25426 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25426 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932540026 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540026 | 9/13/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540026 | 9/13/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540026 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540026 | 9/13/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25423 | E932540026 | 9/13/93 | None | 9/28/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540026 | 9/13/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540026 | 9/13/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540026 | 9/13/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540026 | 9/13/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932540026 | 9/13/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540026 | 9/13/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540026 | 9/13/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540026 | 9/13/93 | None | 10/13/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540027 **Outfall:** Outfall 14 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25427 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25427 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932540027 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540027 | 9/13/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540027 | 9/13/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540027 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540027 | 9/13/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25423 | E932540027 | 9/13/93 | None | 9/28/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540027 | 9/13/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540027 | 9/13/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540027 | 9/13/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540027 | 9/13/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932540027 | 9/13/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540027 | 9/13/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540027 | 9/13/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540027 | 9/13/93 | None | 10/13/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540028 **Outfall:** Outfall 17 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25428 | 9/13/93 | None | 9/23/93 | Spring Water | METAD | N |
| D25423 | D25428 | 9/13/93 | None | 9/21/93 | Spring Water | METID | N |
| E25423 | E932540028 | 9/13/93 | None | 9/24/93 | Spring Water | Alkalinity | N |
| E25423 | E932540028 | 9/13/93 | None | 9/25/93 | Spring Water | Alpha-Beta | N |
| E25423 | E932540028 | 9/13/93 | None | 10/5/93 | Spring Water | Ammonia-N | N |
| E25423 | E932540028 | 9/13/93 | None | 9/15/93 | Spring Water | Anions | N |
| E25423 | E932540028 | 9/13/93 | None | 9/16/93 | Spring Water | Fluoride | N |
| E25423 | E932540028 | 9/13/93 | None | 9/30/93 | Spring Water | Gamma Spec | N |
| E25423 | E932540028 | 9/13/93 | None | 10/16/93 | Spring Water | META | N |
| E25423 | E932540028 | 9/13/93 | None | 9/24/93 | Spring Water | METI | N |
| E25423 | E932540028 | 9/13/93 | None | 10/8/93 | Spring Water | Oil & Grease | N |
| E25423 | E932540028 | 9/13/93 | None | 10/1/93 | Spring Water | Radium | N |
| E25423 | E932540028 | 9/13/93 | None | 9/14/93 | Spring Water | TDS | N |
| E25423 | E932540028 | 9/13/93 | None | 9/23/93 | Spring Water | TOC | N |
| E25423 | E932540028 | 9/13/93 | None | 9/14/93 | Spring Water | TSS | N |
| E25423 | E932540028 | 9/13/93 | None | 10/14/93 | Spring Water | Total U | N |

**ELIMS Number:** E932540017 **Outfall:** Outfall 21 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25417 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25417 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25416 | E932540017 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540017 | 9/14/93 | None | 10/21/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540017 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540017 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540017 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540017 | 9/14/93 | None | 9/22/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540017 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| E25416 | E932540017 | 9/14/93 | None | 10/4/93 | Surface Water | METID | N |
| E25416 | E932540017 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540017 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25416 | E932540017 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540017 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540017 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540017 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540029 **Outfall:** Outfall 21 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25429 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25429 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932540029 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540029 | 9/13/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540029 | 9/13/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540029 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540029 | 9/13/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25423 | E932540029 | 9/13/93 | None | 9/30/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540029 | 9/13/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540029 | 9/13/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540029 | 9/13/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540029 | 9/13/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932540029 | 9/13/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540029 | 9/13/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540029 | 9/13/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540029 | 9/13/93 | None | 10/14/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540032 **Outfall:** Outfall 34 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25432 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25432 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932540032 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540032 | 9/13/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540032 | 9/13/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540032 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540032 | 9/13/93 | None | 10/6/93 | Surface Water | Fluoride | N |
| E25423 | E932540032 | 9/13/93 | None | 9/29/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540032 | 9/13/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540032 | 9/13/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540032 | 9/13/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540032 | 9/13/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932540032 | 9/13/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540032 | 9/13/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540032 | 9/13/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540032 | 9/13/93 | None | 10/12/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932550024 **Outfall:** Outfall 42 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25524 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25524 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932550024 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932550024 | 9/13/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932550024 | 9/13/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932550024 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932550024 | 9/13/93 | None | 9/23/93 | Surface Water | Fluoride | N |
| E25423 | E932550024 | 9/13/93 | None | 9/29/93 | Surface Water | Gamma Spec | N |
| E25423 | E932550024 | 9/13/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932550024 | 9/13/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932550024 | 9/13/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932550024 | 9/13/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932550024 | 9/13/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932550024 | 9/13/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932550024 | 9/13/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932550024 | 9/13/93 | None | 10/12/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540003 **Outfall:** Outfall 47 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25403 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25403 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| 25401 | E932540003 | 9/13/93 | 9/15/93 | 10/11/93 | Surface Water | PCB/Pesticides | N |
| E25401 | E932540003 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540003 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540003 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540003 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540003 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25401 | E932540003 | 9/13/93 | None | 9/17/93 | Surface Water | COD | N |
| E25401 | E932540003 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25401 | E932540003 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25401 | E932540003 | 9/13/93 | None | 10/3/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540003 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540003 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540003 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540003 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540003 | 9/13/93 | 9/20/93 | 9/24/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540003 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540003 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25401 | E932540003 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540003 | 9/13/93 | None | 10/8/93 | Surface Water | Total U | N |
| E25401 | E932540003 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540004 **Outfall:** Outfall 48 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25404 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25404 | 9/13/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540004 | 9/13/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540004 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540004 | 9/13/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540004 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540004 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540004 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540004 | 9/13/93 | None | 9/30/93 | Surface Water | COD | N |
| E25404 | E932540004 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25404 | E932540004 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25404 | E932540004 | 9/13/93 | None | 10/2/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540004 | 9/13/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540004 | 9/13/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540004 | 9/13/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540004 | 9/13/93 | None | 9/24/93 | Surface Water | Radium | N |
| E25404 | E932540004 | 9/13/93 | 9/15/93 | 9/20/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540004 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540004 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540004 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540004 | 9/13/93 | None | 10/6/93 | Surface Water | Total U | N |
| E25404 | E932540004 | 9/13/93 | None | 9/22/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540005 **Outfall:** Outfall 49 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25405 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25405 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| 25401 | E932540005 | 9/13/93 | 9/15/93 | 10/11/93 | Surface Water | PCB/Pesticides | N |
| E25401 | E932540005 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540005 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540005 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540005 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540005 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25401 | E932540005 | 9/13/93 | None | 9/17/93 | Surface Water | COD | N |
| E25401 | E932540005 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25401 | E932540005 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25401 | E932540005 | 9/13/93 | None | 10/3/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540005 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540005 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540005 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540005 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540005 | 9/13/93 | 9/20/93 | 9/24/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540005 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540005 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25401 | E932540005 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540005 | 9/13/93 | None | 10/7/93 | Surface Water | Total U | N |
| E25401 | E932540005 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540006 **Outfall:** Outfall 51 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25406 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25406 | 9/13/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540006 | 9/13/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540006 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540006 | 9/13/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540006 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540006 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540006 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540006 | 9/13/93 | None | 9/30/93 | Surface Water | COD | N |
| E25404 | E932540006 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25404 | E932540006 | 9/13/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25404 | E932540006 | 9/13/93 | None | 10/2/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540006 | 9/13/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540006 | 9/13/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540006 | 9/13/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540006 | 9/13/93 | None | 9/24/93 | Surface Water | Radium | N |
| E25404 | E932540006 | 9/13/93 | 9/15/93 | 9/20/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540006 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540006 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540006 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540006 | 9/13/93 | None | 10/6/93 | Surface Water | Total U | N |
| E25404 | E932540006 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540007 **Outfall:** Outfall 54 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25407 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25407 | 9/13/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540007 | 9/13/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540007 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540007 | 9/13/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540007 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540007 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540007 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540007 | 9/13/93 | None | 9/30/93 | Surface Water | COD | N |
| E25404 | E932540007 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25404 | E932540007 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25404 | E932540007 | 9/13/93 | None | 10/2/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540007 | 9/13/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540007 | 9/13/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540007 | 9/13/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540007 | 9/13/93 | None | 9/29/93 | Surface Water | Radium | N |
| E25404 | E932540007 | 9/13/93 | 9/20/93 | 9/24/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540007 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540007 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540007 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540007 | 9/13/93 | None | 10/6/93 | Surface Water | Total U | N |
| E25404 | E932540007 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540008 **Outfall:** Outfall 55 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25408 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25408 | 9/13/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540008 | 9/13/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540008 | 9/13/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540008 | 9/13/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540008 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540008 | 9/13/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540008 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540008 | 9/13/93 | None | 10/6/93 | Surface Water | COD | N |
| E25404 | E932540008 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25404 | E932540008 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25404 | E932540008 | 9/13/93 | None | 10/4/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540008 | 9/13/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540008 | 9/13/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540008 | 9/13/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540008 | 9/13/93 | None | 9/24/93 | Surface Water | Radium | N |
| E25404 | E932540008 | 9/13/93 | 9/15/93 | 9/22/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540008 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540008 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540008 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540008 | 9/13/93 | None | 10/6/93 | Surface Water | Total U | N |
| E25404 | E932540008 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540009 **Outfall:** Outfall 67 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25409 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25409 | 9/14/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540009 | 9/14/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540009 | 9/14/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540009 | 9/14/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540009 | 9/14/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540009 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540009 | 9/14/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540009 | 9/14/93 | None | 9/30/93 | Surface Water | COD | N |
| E25404 | E932540009 | 9/14/93 | None | 9/15/93 | Surface Water | CR6 | N |
| E25404 | E932540009 | 9/14/93 | None | 10/6/93 | Surface Water | Fluoride | N |
| E25404 | E932540009 | 9/14/93 | None | 10/4/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540009 | 9/14/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540009 | 9/14/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540009 | 9/14/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540009 | 9/14/93 | None | 9/29/93 | Surface Water | Radium | N |
| E25404 | E932540009 | 9/14/93 | 9/15/93 | 9/20/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540009 | 9/14/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540009 | 9/14/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540009 | 9/14/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540009 | 9/14/93 | None | 10/7/93 | Surface Water | Total U | N |
| E25404 | E932540009 | 9/14/93 | None | 9/21/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540010 **Outfall:** Outfall 71 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25410 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25404 | D25410 | 9/14/93 | None | 9/29/93 | Surface Water | METID | N |
| 25404 | E932540010 | 9/14/93 | 9/16/93 | 10/12/93 | Surface Water | PCB/Pesticides | N |
| E25404 | E932540010 | 9/14/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25404 | E932540010 | 9/14/93 | None | 9/23/93 | Surface Water | Alpha-Beta | N |
| E25404 | E932540010 | 9/14/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25404 | E932540010 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25404 | E932540010 | 9/14/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25404 | E932540010 | 9/14/93 | None | 10/6/93 | Surface Water | COD | N |
| E25404 | E932540010 | 9/14/93 | None | 9/15/93 | Surface Water | CR6 | N |
| E25404 | E932540010 | 9/14/93 | None | 9/23/93 | Surface Water | Fluoride | N |
| E25404 | E932540010 | 9/14/93 | None | 10/4/93 | Surface Water | Gamma Spec | N |
| E25404 | E932540010 | 9/14/93 | None | 9/23/93 | Surface Water | META | N |
| E25404 | E932540010 | 9/14/93 | None | 9/28/93 | Surface Water | METI | N |
| E25404 | E932540010 | 9/14/93 | None | 10/10/93 | Surface Water | Oil & Grease | N |
| E25404 | E932540010 | 9/14/93 | None | 9/29/93 | Surface Water | Radium | N |
| E25404 | E932540010 | 9/14/93 | 9/15/93 | 9/22/93 | Surface Water | Semivolatiles | N |
| E25404 | E932540010 | 9/14/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25404 | E932540010 | 9/14/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25404 | E932540010 | 9/14/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25404 | E932540010 | 9/14/93 | None | 10/7/93 | Surface Water | Total U | N |
| E25404 | E932540010 | 9/14/93 | None | 9/21/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932540015 **Outfall:** Outfall 88 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25415 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25415 | 9/14/93 | None | 9/21/93 | Surface Water | METID | N |
| E25401 | E932540015 | 9/14/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540015 | 9/14/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540015 | 9/14/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540015 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25401 | E932540015 | 9/14/93 | None | 9/22/93 | Surface Water | Fluoride | N |
| E25401 | E932540015 | 9/14/93 | None | 10/7/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540015 | 9/14/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540015 | 9/14/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540015 | 9/14/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540015 | 9/14/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540015 | 9/14/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540015 | 9/14/93 | None | 9/29/93 | Surface Water | TOC | N |
| E25401 | E932540015 | 9/14/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540015 | 9/14/93 | None | 10/10/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540016 **Outfall:** Outfall 99 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25416 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25416 | 9/14/93 | None | 9/21/93 | Surface Water | METID | N |
| D25416 | D25416 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25416 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25401 | E932540016 | 9/14/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540016 | 9/14/93 | None | 9/23/93 | Surface Water | METI | N |
| E25416 | E932540016 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540016 | 9/14/93 | None | 10/21/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540016 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540016 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540016 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540016 | 9/14/93 | None | 9/22/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540016 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932540016 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932540016 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540016 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25416 | E932540016 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540016 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540016 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540016 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540018 **Outfall:** Outfall 113 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25418 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25418 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| D25416 | E932540018 | 9/14/93 | None | | Surface Water | Hg-AAD | Y |
| E25416 | E932540018 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540018 | 9/14/93 | None | 10/21/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540018 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540018 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540018 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540018 | 9/14/93 | None | 9/23/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540018 | 9/14/93 | None | | Surface Water | Hg-AAT | Y |
| E25416 | E932540018 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| E25416 | E932540018 | 9/14/93 | None | 10/4/93 | Surface Water | METID | N |
| E25416 | E932540018 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540018 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540018 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540018 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540018 | 9/14/93 | None | 10/12/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540019 **Outfall:** Outfall 122 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25419 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25419 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25416 | E932540019 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540019 | 9/14/93 | None | 10/21/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540019 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540019 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540019 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540019 | 9/14/93 | None | 9/23/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540019 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932540019 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932540019 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540019 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25416 | E932540019 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540019 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540019 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540019 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540020 **Outfall:** Outfall 128 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25420 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25420 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25416 | E932540020 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540020 | 9/14/93 | None | 10/21/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540020 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540020 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540020 | 9/14/93 | None | 9/30/93 | Surface Water | Fluoride | N |
| E25416 | E932540020 | 9/14/93 | None | 9/25/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540020 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932540020 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932540020 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540020 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25416 | E932540020 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540020 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540020 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540020 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540022 **Outfall:** Outfall 135 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25422 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25422 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25416 | E932540022 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540022 | 9/14/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540022 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540022 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540022 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540022 | 9/14/93 | None | 9/25/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540022 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932540022 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932540022 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540022 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25416 | E932540022 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540022 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540022 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540022 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540023 **Outfall:** N/S Pipe AM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25423 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25423 | 9/14/93 | None | 9/21/93 | Surface Water | METID | N |
| E25416 | E932540023 | 9/14/93 | None | 9/27/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540023 | 9/14/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932540023 | 9/14/93 | None | 9/25/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932540023 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932540023 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932540023 | 9/14/93 | None | 9/23/93 | Surface Water | Fluoride | N |
| E25423 | E932540023 | 9/14/93 | None | 9/30/93 | Surface Water | Gamma Spec | N |
| E25423 | E932540023 | 9/14/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932540023 | 9/14/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932540023 | 9/14/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932540023 | 9/14/93 | None | 9/27/93 | Surface Water | Radium | N |
| E25423 | E932540023 | 9/14/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932540023 | 9/14/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932540023 | 9/14/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932540023 | 9/14/93 | None | 10/12/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540001 **Outfall:** Station 8 AM/Day 1 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25401 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25401 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25401 | E932540001 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540001 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540001 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540001 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540001 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25401 | E932540001 | 9/13/93 | None | 9/17/93 | Surface Water | COD | N |
| E25401 | E932540001 | 9/13/93 | None | 9/13/93 | Surface Water | CR6 | N |
| E25401 | E932540001 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25401 | E932540001 | 9/13/93 | None | 10/3/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540001 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540001 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540001 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540001 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540001 | 9/13/93 | 9/20/93 | 9/23/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540001 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540001 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25401 | E932540001 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540001 | 9/13/93 | None | 10/7/93 | Surface Water | Total U | N |
| E25401 | E932540001 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932550022 **Outfall:** Station 8 AM/Day 2 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25522 | 9/14/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25423 | D25522 | 9/14/93 | None | 9/21/93 | Surface Water | METID | N |
| E25423 | E932550022 | 9/14/93 | None | 9/24/93 | Surface Water | Alkalinity | N |
| E25423 | E932550022 | 9/14/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| E25423 | E932550022 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25423 | E932550022 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25423 | E932550022 | 9/14/93 | None | 9/23/93 | Surface Water | Fluoride | N |
| E25423 | E932550022 | 9/14/93 | None | 10/2/93 | Surface Water | Gamma Spec | N |
| E25423 | E932550022 | 9/14/93 | None | 10/16/93 | Surface Water | META | N |
| E25423 | E932550022 | 9/14/93 | None | 9/24/93 | Surface Water | METI | N |
| E25423 | E932550022 | 9/14/93 | None | 10/8/93 | Surface Water | Oil & Grease | N |
| E25423 | E932550022 | 9/14/93 | None | 10/1/93 | Surface Water | Radium | N |
| E25423 | E932550022 | 9/14/93 | None | 9/14/93 | Surface Water | TDS | N |
| E25423 | E932550022 | 9/14/93 | None | 9/23/93 | Surface Water | TOC | N |
| E25423 | E932550022 | 9/14/93 | None | 9/14/93 | Surface Water | TSS | N |
| E25423 | E932550022 | 9/14/93 | None | 10/12/93 | Surface Water | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932550023 **Outfall:** Station 8 AM/Day 2 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25523 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25523 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| E25416 | E932550023 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932550023 | 9/14/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932550023 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932550023 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932550023 | 9/14/93 | None | 9/30/93 | Surface Water | Fluoride | N |
| E25416 | E932550023 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932550023 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932550023 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932550023 | 9/14/93 | None | 10/5/93 | Surface Water | Radium | N |
| E25416 | E932550023 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932550023 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932550023 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932550023 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

**ELIMS Number:** E932540002 **Outfall:** Station 8 PM/Day 1 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25402 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25402 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| E25401 | E932540002 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540002 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540002 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540002 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540002 | 9/13/93 | None | 9/14/93 | Surface Water | BOD | N |
| E25401 | E932540002 | 9/13/93 | None | 9/17/93 | Surface Water | COD | N |
| E25401 | E932540002 | 9/13/93 | None | 9/14/93 | Surface Water | CR6 | N |
| E25401 | E932540002 | 9/13/93 | None | 9/15/93 | Surface Water | Fluoride | N |
| E25401 | E932540002 | 9/13/93 | None | 10/3/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540002 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540002 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540002 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540002 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540002 | 9/13/93 | 9/20/93 | 9/24/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540002 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540002 | 9/13/93 | None | 9/20/93 | Surface Water | TOC | N |
| E25401 | E932540002 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540002 | 9/13/93 | None | 10/8/93 | Surface Water | Total U | N |
| E25401 | E932540002 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540011 **Outfall:** Oil Skimmer AM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25411 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25411 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| 25401 | E932540011 | 9/13/93 | 9/15/93 | 10/11/93 | Surface Water | PCB/Pesticides | N |
| E25401 | E932540011 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540011 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540011 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540011 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540011 | 9/13/93 | None | 9/16/93 | Surface Water | Fluoride | N |
| E25401 | E932540011 | 9/13/93 | None | 10/6/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540011 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540011 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540011 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540011 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540011 | 9/13/93 | 9/20/93 | 10/1/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540011 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540011 | 9/13/93 | None | 9/29/93 | Surface Water | TOC | N |
| E25401 | E932540011 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540011 | 9/13/93 | None | 10/7/93 | Surface Water | Total U | N |
| E25401 | E932540011 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932540012 **Outfall:** Oil Skimmer PM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25412 | 9/13/93 | None | 9/23/93 | Surface Water | METAD | N |
| D25401 | D25412 | 9/13/93 | None | 9/21/93 | Surface Water | METID | N |
| 25401 | E932540012 | 9/13/93 | 9/15/93 | 10/11/93 | Surface Water | PCB/Pesticides | N |
| E25401 | E932540012 | 9/13/93 | None | 9/21/93 | Surface Water | Alkalinity | N |
| E25401 | E932540012 | 9/13/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25401 | E932540012 | 9/13/93 | None | 9/28/93 | Surface Water | Ammonia-N | N |
| E25401 | E932540012 | 9/13/93 | None | 9/14/93 | Surface Water | Anions | N |
| E25401 | E932540012 | 9/13/93 | None | 9/22/93 | Surface Water | Fluoride | N |
| E25401 | E932540012 | 9/13/93 | None | 10/7/93 | Surface Water | Gamma Spec | N |
| E25401 | E932540012 | 9/13/93 | None | 10/18/93 | Surface Water | META | N |
| E25401 | E932540012 | 9/13/93 | None | 9/23/93 | Surface Water | METI | N |
| E25401 | E932540012 | 9/13/93 | None | 10/7/93 | Surface Water | Oil & Grease | N |
| E25401 | E932540012 | 9/13/93 | None | 9/22/93 | Surface Water | Radium | N |
| E25401 | E932540012 | 9/13/93 | 9/20/93 | 9/24/93 | Surface Water | Semivolatiles | N |
| E25401 | E932540012 | 9/13/93 | None | 9/15/93 | Surface Water | TDS | N |
| E25401 | E932540012 | 9/13/93 | None | 9/29/93 | Surface Water | TOC | N |
| E25401 | E932540012 | 9/13/93 | None | 9/15/93 | Surface Water | TSS | N |
| E25401 | E932540012 | 9/13/93 | None | 10/10/93 | Surface Water | Total U | N |
| E25401 | E932540012 | 9/13/93 | None | 9/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Regular Samples

**ELIMS Number:** E932540024 **Outfall:** N/S Pipe PM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25424 | 9/14/93 | None | 9/28/93 | Surface Water | METAD | N |
| D25416 | D25424 | 9/14/93 | None | 10/1/93 | Surface Water | METID | N |
| D27516 | D25424 | 9/14/93 | None | 10/15/93 | Surface Water | METAD | N |
| E27516 | E25424 | 9/14/93 | None | 10/15/93 | Surface Water | META | N |
| E25416 | E932540024 | 9/14/93 | None | 9/27/93 | Surface Water | Alkalinity | N |
| E25416 | E932540024 | 9/14/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E25416 | E932540024 | 9/14/93 | None | 10/5/93 | Surface Water | Ammonia-N | N |
| E25416 | E932540024 | 9/14/93 | None | 9/15/93 | Surface Water | Anions | N |
| E25416 | E932540024 | 9/14/93 | None | 9/29/93 | Surface Water | Fluoride | N |
| E25416 | E932540024 | 9/14/93 | None | 9/27/93 | Surface Water | Gamma Spec | N |
| E25416 | E932540024 | 9/14/93 | None | 9/28/93 | Surface Water | META | N |
| E25416 | E932540024 | 9/14/93 | None | 10/4/93 | Surface Water | METI | N |
| E25416 | E932540024 | 9/14/93 | None | 9/28/93 | Surface Water | Oil & Grease | N |
| E25416 | E932540024 | 9/14/93 | None | 10/5/93 | Surface Water | Radium | N |
| E25416 | E932540024 | 9/14/93 | None | 9/16/93 | Surface Water | TDS | N |
| E25416 | E932540024 | 9/14/93 | None | 9/21/93 | Surface Water | TOC | N |
| E25416 | E932540024 | 9/14/93 | None | 9/16/93 | Surface Water | TSS | N |
| E25416 | E932540024 | 9/14/93 | None | 10/13/93 | Surface Water | Total U | N |

### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932550016 **Outfall:** Field Lab Rinseate **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25516 | 9/13/93 | None | 9/28/93 | Mob. Lab Blank | METAD | N |
| D25416 | D25516 | 9/13/93 | None | 10/1/93 | Mob. Lab Blank | METID | N |
| E25401 | E932550016 | 9/13/93 | None | 9/15/93 | Mob. Lab Blank | Anions | N |
| E25416 | E932550016 | 9/13/93 | None | 9/28/93 | Mob. Lab Blank | META | N |
| E25416 | E932550016 | 9/13/93 | None | 10/4/93 | Mob. Lab Blank | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932570006 **Outfall:** Field Blank **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25706 | 9/14/93 | None | 9/23/93 | Field Blank | METAD | N |
| D25404 | D25706 | 9/14/93 | None | 9/29/93 | Field Blank | METID | N |
| 25404 | E932570006 | 9/14/93 | 9/16/93 | 10/12/93 | Field Blank | PCB/Pesticides | N |
| E25404 | E932570006 | 9/14/93 | None | 9/24/93 | Field Blank | Alkalinity | N |
| E25404 | E932570006 | 9/14/93 | None | 9/23/93 | Field Blank | Alpha-Beta | N |
| E25404 | E932570006 | 9/14/93 | None | 9/28/93 | Field Blank | Ammonia-N | N |
| E25404 | E932570006 | 9/14/93 | None | 9/15/93 | Field Blank | Anions | N |
| E25404 | E932570006 | 9/14/93 | None | 9/14/93 | Field Blank | BOD | N |
| E25404 | E932570006 | 9/14/93 | None | 10/6/93 | Field Blank | COD | N |
| E25404 | E932570006 | 9/14/93 | None | 9/15/93 | Field Blank | CR6 | N |
| E25404 | E932570006 | 9/14/93 | None | 9/23/93 | Field Blank | Fluoride | N |
| E25404 | E932570006 | 9/14/93 | None | 10/4/93 | Field Blank | Gamma Spec | N |
| E25404 | E932570006 | 9/14/93 | None | 9/23/93 | Field Blank | META | N |
| E25404 | E932570006 | 9/14/93 | None | 9/28/93 | Field Blank | METI | N |
| E25404 | E932570006 | 9/14/93 | None | 10/10/93 | Field Blank | Oil & Grease | N |
| E25404 | E932570006 | 9/14/93 | None | 9/29/93 | Field Blank | Radium | N |
| E25404 | E932570006 | 9/14/93 | 9/15/93 | 9/22/93 | Field Blank | Semivolatiles | N |
| E25404 | E932570006 | 9/14/93 | None | 9/15/93 | Field Blank | TDS | N |
| E25404 | E932570006 | 9/14/93 | None | 9/20/93 | Field Blank | TOC | N |
| E25404 | E932570006 | 9/14/93 | None | 9/15/93 | Field Blank | TSS | N |
| E25404 | E932570006 | 9/14/93 | None | 10/7/93 | Field Blank | Total U | N |
| E25404 | E932570006 | 9/14/93 | None | 9/21/93 | Field Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932550021 **Outfall:** Equip. Rinse **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25401 | D25521 | 9/13/93 | None | 9/23/93 | Equip. Rinse | METAD | N |
| D25401 | D25521 | 9/13/93 | None | 9/21/93 | Equip. Rinse | METID | N |
| 25401 | E932550021 | 9/13/93 | 9/15/93 | 10/12/93 | Equip. Rinse | PCB/Pesticides | N |
| E25401 | E932550021 | 9/13/93 | None | 9/21/93 | Equip. Rinse | Alkalinity | N |
| E25401 | E932550021 | 9/13/93 | None | 10/22/93 | Equip. Rinse | Alpha-Beta | N |
| E25401 | E932550021 | 9/13/93 | None | 9/28/93 | Equip. Rinse | Ammonia-N | N |
| E25401 | E932550021 | 9/13/93 | None | 9/14/93 | Equip. Rinse | Anions | N |
| E25401 | E932550021 | 9/13/93 | None | 9/14/93 | Equip. Rinse | BOD | N |
| E25401 | E932550021 | 9/13/93 | None | 9/17/93 | Equip. Rinse | COD | N |
| E25401 | E932550021 | 9/13/93 | None | 9/13/93 | Equip. Rinse | CR6 | N |
| E25401 | E932550021 | 9/13/93 | None | 9/22/93 | Equip. Rinse | Fluoride | N |
| E25401 | E932550021 | 9/13/93 | None | 10/7/93 | Equip. Rinse | Gamma Spec | N |
| E25401 | E932550021 | 9/13/93 | None | 10/18/93 | Equip. Rinse | META | N |
| E25401 | E932550021 | 9/13/93 | None | 9/23/93 | Equip. Rinse | METI | N |
| E25401 | E932550021 | 9/13/93 | None | 10/7/93 | Equip. Rinse | Oil & Grease | N |
| E25401 | E932550021 | 9/13/93 | None | 9/22/93 | Equip. Rinse | Radium | N |
| E25401 | E932550021 | 9/13/93 | 9/20/93 | 9/23/93 | Equip. Rinse | Semivolatiles | N |
| E25401 | E932550021 | 9/13/93 | None | 9/15/93 | Equip. Rinse | TDS | N |
| E25401 | E932550021 | 9/13/93 | None | 9/29/93 | Equip. Rinse | TOC | N |
| E25401 | E932550021 | 9/13/93 | None | 9/15/93 | Equip. Rinse | TSS | N |
| E25401 | E932550021 | 9/13/93 | None | 10/7/93 | Equip. Rinse | Total U | N |
| E25401 | E932550021 | 9/13/93 | None | 9/20/93 | Equip. Rinse | Volatiles | N |

**ELIMS Number:** E932550017 **Outfall:** Dup. # 2/Outfall 21 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25423 | D25517 | 9/13/93 | None | 9/23/93 | Duplicate | METAD | N |
| D25423 | D25517 | 9/13/93 | None | 9/21/93 | Duplicate | METID | N |
| E25423 | E932550017 | 9/13/93 | None | 9/24/93 | Duplicate | Alkalinity | N |
| E25423 | E932550017 | 9/13/93 | None | 9/25/93 | Duplicate | Alpha-Beta | N |
| E25423 | E932550017 | 9/13/93 | None | 10/5/93 | Duplicate | Ammonia-N | N |
| E25423 | E932550017 | 9/13/93 | None | 9/15/93 | Duplicate | Anions | N |
| E25423 | E932550017 | 9/13/93 | None | 9/23/93 | Duplicate | Fluoride | N |
| E25423 | E932550017 | 9/13/93 | None | 9/29/93 | Duplicate | Gamma Spec | N |
| E25423 | E932550017 | 9/13/93 | None | 10/16/93 | Duplicate | META | N |
| E25423 | E932550017 | 9/13/93 | None | 9/24/93 | Duplicate | METI | N |
| E25423 | E932550017 | 9/13/93 | None | 10/8/93 | Duplicate | Oil & Grease | N |
| E25423 | E932550017 | 9/13/93 | None | 10/1/93 | Duplicate | Radium | N |
| E25423 | E932550017 | 9/13/93 | None | 9/14/93 | Duplicate | TDS | N |
| E25423 | E932550017 | 9/13/93 | None | 9/23/93 | Duplicate | TOC | N |
| E25423 | E932550017 | 9/13/93 | None | 9/14/93 | Duplicate | TSS | N |
| E25423 | E932550017 | 9/13/93 | None | 10/14/93 | Duplicate | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932550020 **Outfall:** Dup. # 1/Outfall 51 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25404 | D25520 | 9/13/93 | None | 9/23/93 | Duplicate | METAD | N |
| D25404 | D25520 | 9/13/93 | None | 9/29/93 | Duplicate | METID | N |
| 25404 | E932550020 | 9/13/93 | 9/16/93 | 10/12/93 | Duplicate | PCB/Pesticides | N |
| E25404 | E932550020 | 9/13/93 | None | 9/24/93 | Duplicate | Alkalinity | N |
| E25404 | E932550020 | 9/13/93 | None | 9/23/93 | Duplicate | Alpha-Beta | N |
| E25404 | E932550020 | 9/13/93 | None | 9/28/93 | Duplicate | Ammonia-N | N |
| E25404 | E932550020 | 9/13/93 | None | 9/15/93 | Duplicate | Anions | N |
| E25404 | E932550020 | 9/13/93 | None | 9/14/93 | Duplicate | BOD | N |
| E25404 | E932550020 | 9/13/93 | None | 10/6/93 | Duplicate | COD | N |
| E25404 | E932550020 | 9/13/93 | None | 9/14/93 | Duplicate | CR6 | N |
| E25404 | E932550020 | 9/13/93 | None | 9/23/93 | Duplicate | Fluoride | N |
| E25404 | E932550020 | 9/13/93 | None | 10/4/93 | Duplicate | Gamma Spec | N |
| E25404 | E932550020 | 9/13/93 | None | 9/23/93 | Duplicate | META | N |
| E25404 | E932550020 | 9/13/93 | None | 9/28/93 | Duplicate | METI | N |
| E25404 | E932550020 | 9/13/93 | None | 10/10/93 | Duplicate | Oil & Grease | N |
| E25404 | E932550020 | 9/13/93 | None | 9/24/93 | Duplicate | Radium | N |
| E25404 | E932550020 | 9/13/93 | 9/15/93 | 9/22/93 | Duplicate | Semivolatiles | N |
| E25404 | E932550020 | 9/13/93 | None | 9/15/93 | Duplicate | TDS | N |
| E25404 | E932550020 | 9/13/93 | None | 9/20/93 | Duplicate | TOC | N |
| E25404 | E932550020 | 9/13/93 | None | 9/15/93 | Duplicate | TSS | N |
| E25404 | E932550020 | 9/13/93 | None | 10/6/93 | Duplicate | Total U | N |
| E25404 | E932550020 | 9/13/93 | None | 9/20/93 | Duplicate | Volatiles | N |

**ELIMS Number:** E932550018 **Outfall:** Dup. # 3/Outfall 109 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25518 | 9/14/93 | None | 9/28/93 | Duplicate | METAD | N |
| D25416 | D25518 | 9/14/93 | None | 10/1/93 | Duplicate | METID | N |
| E25416 | E932550018 | 9/14/93 | None | 9/27/93 | Duplicate | Alkalinity | N |
| E25416 | E932550018 | 9/14/93 | None | 10/22/93 | Duplicate | Alpha-Beta | N |
| E25416 | E932550018 | 9/14/93 | None | 10/5/93 | Duplicate | Ammonia-N | N |
| E25416 | E932550018 | 9/14/93 | None | 9/15/93 | Duplicate | Anions | N |
| E25416 | E932550018 | 9/14/93 | None | 9/29/93 | Duplicate | Fluoride | N |
| E25416 | E932550018 | 9/14/93 | None | 9/27/93 | Duplicate | Gamma Spec | N |
| E25416 | E932550018 | 9/14/93 | None | 9/28/93 | Duplicate | META | N |
| E25416 | E932550018 | 9/14/93 | None | 10/4/93 | Duplicate | METI | N |
| E25416 | E932550018 | 9/14/93 | None | 9/28/93 | Duplicate | Oil & Grease | N |
| E25416 | E932550018 | 9/14/93 | None | 10/5/93 | Duplicate | Radium | N |
| E25416 | E932550018 | 9/14/93 | None | 9/16/93 | Duplicate | TDS | N |
| E25416 | E932550018 | 9/14/93 | None | 9/21/93 | Duplicate | TOC | N |
| E25416 | E932550018 | 9/14/93 | None | 9/16/93 | Duplicate | TSS | N |
| E25416 | E932550018 | 9/14/93 | None | 10/13/93 | Duplicate | Total U | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932550019 **Outfall:** Dup. # 4-N/S Pipe PM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D25416 | D25519 | 9/14/93 | None | 9/28/93 | Duplicate | METAD | N |
| D25416 | D25519 | 9/14/93 | None | 10/1/93 | Duplicate | METID | N |
| E25416 | E932550019 | 9/14/93 | None | 9/27/93 | Duplicate | Alkalinity | N |
| E25416 | E932550019 | 9/14/93 | None | 10/22/93 | Duplicate | Alpha-Beta | N |
| E25416 | E932550019 | 9/14/93 | None | 10/5/93 | Duplicate | Ammonia-N | N |
| E25416 | E932550019 | 9/14/93 | None | 9/15/93 | Duplicate | Anions | N |
| E25416 | E932550019 | 9/14/93 | None | 9/30/93 | Duplicate | Fluoride | N |
| E25416 | E932550019 | 9/14/93 | None | 9/25/93 | Duplicate | Gamma Spec | N |
| E25416 | E932550019 | 9/14/93 | None | 9/28/93 | Duplicate | META | N |
| E25416 | E932550019 | 9/14/93 | None | 10/4/93 | Duplicate | METI | N |
| E25416 | E932550019 | 9/14/93 | None | 9/28/93 | Duplicate | Oil & Grease | N |
| E25416 | E932550019 | 9/14/93 | None | 10/5/93 | Duplicate | Radium | N |
| E25416 | E932550019 | 9/14/93 | None | 9/16/93 | Duplicate | TDS | N |
| E25416 | E932550019 | 9/14/93 | None | 9/21/93 | Duplicate | TOC | N |
| E25416 | E932550019 | 9/14/93 | None | 9/16/93 | Duplicate | TSS | N |
| E25416 | E932550019 | 9/14/93 | None | 10/13/93 | Duplicate | Total U | N |

### Trip Blanks

**ELIMS Number:** E932560000 **Outfall:** Oil Skimmer AM/TB **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932560000 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550013 **Outfall:** TB for ER **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550013 | 9/13/93 | None | 9/20/93 | TB for ER | Volatiles | N |

**ELIMS Number:** E932550004 **Outfall:** Outfall 47 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550004 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Trip Blanks

**ELIMS Number:** E932550005 **Outfall:** Outfall 48 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550005 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550006 **Outfall:** Outfall 49 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550006 | 9/14/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550007 **Outfall:** Outfall 51 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550007 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550012 **Outfall:** Dup. # 1/Outfall 51 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550012 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550008 **Outfall:** Outfall 54 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550008 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550009 **Outfall:** Outfall 55 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550009 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 1
### Trip Blanks

**ELIMS Number:** E932550010 **Outfall:** Outfall 67 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550010 | 9/13/93 | None | 9/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932570057 **Outfall:** Outfall 71 **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932570057 | 9/13/93 | None | 9/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932570004 **Outfall:** TB for FB **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932570004 | 9/14/93 | None | 9/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550002 **Outfall:** Station 8 AM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550002 | 9/13/93 | None | 9/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550003 **Outfall:** Station 8 PM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550003 | 9/13/93 | None | 9/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932550014 **Outfall:** Oil Skimmer PM **Event Name:** Event 2, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E25502 | E932550014 | 9/13/93 | None | 9/20/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750021 **Outfall:** Outfall 150 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27521 | 10/4/93 | None | 10/15/93 | Surface Water | METAD | N |
| D27516 | D27521 | 10/4/93 | None | 10/8/93 | Surface Water | METID | N |
| E27516 | E27521 | 10/4/93 | None | 10/15/93 | Surface Water | Alkalinity | N |
| E27516 | E27521 | 10/4/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E27516 | E27521 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27516 | E27521 | 10/4/93 | None | 10/6/93 | Surface Water | Anions | N |
| E27516 | E27521 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27516 | E27521 | 10/4/93 | None | 10/14/93 | Surface Water | COD | N |
| E27516 | E27521 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27516 | E27521 | 10/4/93 | None | 10/7/93 | Surface Water | Fluoride | N |
| E27516 | E27521 | 10/4/93 | None | 11/2/93 | Surface Water | Gamma Spec | N |
| E27516 | E27521 | 10/4/93 | None | 10/15/93 | Surface Water | META | N |
| E27516 | E27521 | 10/4/93 | None | 10/8/93 | Surface Water | METI | N |
| E27516 | E27521 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27516 | E27521 | 10/4/93 | None | 10/21/93 | Surface Water | Radium | N |
| E27516 | E27521 | 10/4/93 | None | 10/7/93 | Surface Water | TDS | N |
| E27516 | E27521 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27516 | E27521 | 10/4/93 | None | 10/7/93 | Surface Water | TSS | N |
| E27516 | E27521 | 10/4/93 | None | 10/27/93 | Surface Water | Total U | N |
| 27516 | E932750021 | 10/4/93 | 10/7/93 | 10/14/93 | Surface Water | PCB/Pesticides | N |
| E27516 | E932750021 | 10/4/93 | 10/6/93 | 10/18/93 | Surface Water | Semivolatiles | N |
| E27516 | E932750021 | 10/4/93 | None | 10/6/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750022 **Outfall:** Outfall 160 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27522 | 10/4/93 | None | 10/15/93 | Surface Water | METAD | N |
| D27516 | D27522 | 10/4/93 | None | 10/8/93 | Surface Water | METID | N |
| E27516 | E27522 | 10/4/93 | None | 10/15/93 | Surface Water | Alkalinity | N |
| E27516 | E27522 | 10/4/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E27516 | E27522 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27516 | E27522 | 10/4/93 | None | 10/5/93 | Surface Water | Anions | N |
| E27516 | E27522 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27516 | E27522 | 10/4/93 | None | 10/14/93 | Surface Water | COD | N |
| E27516 | E27522 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27516 | E27522 | 10/4/93 | None | 10/25/93 | Surface Water | Fluoride | N |
| E27516 | E27522 | 10/4/93 | None | 10/25/93 | Surface Water | Gamma Spec | N |
| E27516 | E27522 | 10/4/93 | None | 10/15/93 | Surface Water | META | N |
| E27516 | E27522 | 10/4/93 | None | 10/8/93 | Surface Water | METI | N |
| E27516 | E27522 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27516 | E27522 | 10/4/93 | None | 10/21/93 | Surface Water | Radium | N |
| E27516 | E27522 | 10/4/93 | None | 10/7/93 | Surface Water | TDS | N |
| E27516 | E27522 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27516 | E27522 | 10/4/93 | None | 10/7/93 | Surface Water | TSS | N |
| E27516 | E27522 | 10/4/93 | None | 10/27/93 | Surface Water | Total U | N |
| 27516 | E932750022 | 10/4/93 | 10/7/93 | 10/14/93 | Surface Water | PCB/Pesticides | N |
| E27516 | E932750022 | 10/4/93 | 10/6/93 | 10/18/93 | Surface Water | Semivolatiles | N |
| E27516 | E932750022 | 10/4/93 | None | 10/6/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932750023 **Outfall:** Outfall 163 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27523 | 10/4/93 | None | 10/15/93 | Surface Water | METAD | N |
| D27516 | D27523 | 10/4/93 | None | 10/8/93 | Surface Water | METID | N |
| E27516 | E27523 | 10/4/93 | None | 10/15/93 | Surface Water | Alkalinity | N |
| E27516 | E27523 | 10/4/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E27516 | E27523 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27516 | E27523 | 10/4/93 | None | 10/6/93 | Surface Water | Anions | N |
| E27516 | E27523 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27516 | E27523- | 10/4/93 | None | 10/14/93 | Surface Water | COD | N |
| E27516 | E27523 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27516 | E27523 | 10/4/93 | None | 10/25/93 | Surface Water | Fluoride | N |
| E27516 | E27523 | 10/4/93 | None | 10/25/93 | Surface Water | Gamma Spec | N |
| E27516 | E27523 | 10/4/93 | None | 10/15/93 | Surface Water | META | N |
| E27516 | E27523 | 10/4/93 | None | 10/8/93 | Surface Water | METI | N |
| E27516 | E27523 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27516 | E27523 | 10/4/93 | None | 10/21/93 | Surface Water | Radium | N |
| E27516 | E27523 | 10/4/93 | None | 10/7/93 | Surface Water | TDS | N |
| E27516 | E27523 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27516 | E27523 | 10/4/93 | None | 10/7/93 | Surface Water | TSS | N |
| E27516 | E27523 | 10/4/93 | None | 10/27/93 | Surface Water | Total U | N |
| E27516 | E932750023 | 10/4/93 | 10/6/93 | 10/18/93 | Surface Water | Semivolatiles | N |
| E27516 | E932750023 | 10/4/93 | None | 10/6/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750024 **Outfall:** Outfall 169 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27524 | 10/4/93 | None | 10/15/93 | Surface Water | METAD | N |
| D27516 | D27524 | 10/4/93 | None | 10/8/93 | Surface Water | METID | N |
| E27516 | E27524 | 10/4/93 | None | 10/15/93 | Surface Water | Alkalinity | N |
| E27516 | E27524 | 10/4/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E27516 | E27524 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27516 | E27524 | 10/4/93 | None | 10/5/93 | Surface Water | Anions | N |
| E27516 | E27524 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27516 | E27524 | 10/4/93 | None | 10/14/93 | Surface Water | COD | N |
| E27516 | E27524 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27516 | E27524 | 10/4/93 | None | 10/7/93 | Surface Water | Fluoride | N |
| E27516 | E27524 | 10/4/93 | None | 10/25/93 | Surface Water | Gamma Spec | N |
| E27516 | E27524 | 10/4/93 | None | 10/15/93 | Surface Water | META | N |
| E27516 | E27524 | 10/4/93 | None | 10/8/93 | Surface Water | METI | N |
| E27516 | E27524 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27516 | E27524 | 10/4/93 | None | 10/21/93 | Surface Water | Radium | N |
| E27516 | E27524 | 10/4/93 | None | 10/7/93 | Surface Water | TDS | N |
| E27516 | E27524 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27516 | E27524 | 10/4/93 | None | 10/7/93 | Surface Water | TSS | N |
| E27516 | E27524 | 10/4/93 | None | 10/27/93 | Surface Water | Total U | N |
| E27516 | E932750024 | 10/4/93 | 10/6/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27516 | E932750024 | 10/4/93 | None | 10/6/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932750025 **Outfall:** Outfall 179 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27525 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27525 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27525 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27525 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27525 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27525 | 10/4/93 | None | 10/5/93 | Surface Water | Anions | N |
| E27515 | E27525 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27525 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27525 | 10/4/93 | None | 10/4/93 | Surface Water | CR6 | N |
| E27515 | E27525 | 10/4/93 | None | 10/18/93 | Surface Water | Fluoride | N |
| E27515 | E27525 | 10/4/93 | None | 10/27/93 | Surface Water | Gamma Spec | N |
| E27515 | E27525 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27525 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27525 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27525 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27525 | 10/4/93 | 10/10/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27515 | E27525 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27525 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27525 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27525 | 10/4/93 | None | 10/27/93 | Surface Water | Total U | N |
| 27515 | E932750025 | 10/4/93 | 10/6/93 | 10/13/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750025 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750027 **Outfall:** Outfall 189 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27527 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27527 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27527 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27527 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27527 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27527 | 10/4/93 | None | 10/4/93 | Surface Water | Anions | N |
| E27515 | E27527 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27527 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27527 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27515 | E27527 | 10/4/93 | None | 10/25/93 | Surface Water | Fluoride | N |
| E27515 | E27527 | 10/4/93 | None | 11/1/93 | Surface Water | Gamma Spec | N |
| E27515 | E27527 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27527 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27527 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27527 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27527 | 10/4/93 | 10/10/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27515 | E27527 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27527 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27527 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27527 | 10/4/93 | None | 11/5/93 | Surface Water | Total U | N |
| 27515 | E932750027 | 10/4/93 | 10/6/93 | 10/13/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750027 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750028 **Outfall:** Outfall 190 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27528 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27528 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27528 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27528 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27528 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27528 | 10/4/93 | None | 10/4/93 | Surface Water | Anions | N |
| E27515 | E27528 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27528 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27528 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27515 | E27528 | 10/4/93 | None | 10/18/93 | Surface Water | Fluoride | N |
| E27515 | E27528 | 10/4/93 | None | 11/1/93 | Surface Water | Gamma Spec | N |
| E27515 | E27528 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27528 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27528 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27528 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27528 | 10/4/93 | 10/10/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27515 | E27528 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27528 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27528 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27528 | 10/4/93 | None | 11/9/93 | Surface Water | Total U | N |
| 27515 | E932750028 | 10/4/93 | 10/6/93 | 10/14/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750028 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750020 **Outfall:** N/S Pipe AM **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27520 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27520 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27520 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27520 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27520 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27520 | 10/4/93 | None | 10/5/93 | Surface Water | Anions | N |
| E27515 | E27520 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27520 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27520 | 10/4/93 | None | 10/4/93 | Surface Water | CR6 | N |
| E27515 | E27520 | 10/4/93 | None | 10/18/93 | Surface Water | Fluoride | N |
| E27515 | E27520 | 10/4/93 | None | 10/27/93 | Surface Water | Gamma Spec | N |
| E27515 | E27520 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27520 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27520 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27520 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27520 | 10/4/93 | 10/10/93 | 10/27/93 | Surface Water | Semivolatiles | N |
| E27515 | E27520 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27520 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27520 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27520 | 10/4/93 | None | 10/28/93 | Surface Water | Total U | N |
| 27515 | E932750020 | 10/4/93 | 10/6/93 | 10/13/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750020 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750029 **Outfall:** Western Line **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27529 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27529 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27529 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27529 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27529 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27529 | 10/4/93 | None | 10/4/93 | Surface Water | Anions | N |
| E27515 | E27529 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27529 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27529 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27515 | E27529 | 10/4/93 | None | 10/18/93 | Surface Water | Fluoride | N |
| E27515 | E27529 | 10/4/93 | None | 11/1/93 | Surface Water | Gamma Spec | N |
| E27515 | E27529 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27529 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27529 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27529 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27529 | 10/4/93 | 10/10/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27515 | E27529 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27529 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27529 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27529 | 10/4/93 | None | 11/9/93 | Surface Water | Total U | N |
| 27515 | E932750029 | 10/4/93 | 10/6/93 | 10/14/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750029 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Regular Samples

**ELIMS Number:** E932750026 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27526 | 10/4/93 | None | 10/20/93 | Surface Water | METAD | N |
| D27515 | D27526 | 10/4/93 | None | 10/7/93 | Surface Water | METID | N |
| E27515 | E27526 | 10/4/93 | None | 10/11/93 | Surface Water | Alkalinity | N |
| E27515 | E27526 | 10/4/93 | None | 11/2/93 | Surface Water | Alpha-Beta | N |
| E27515 | E27526 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27515 | E27526 | 10/4/93 | None | 10/4/93 | Surface Water | Anions | N |
| E27515 | E27526 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27515 | E27526 | 10/4/93 | None | 10/13/93 | Surface Water | COD | N |
| E27515 | E27526 | 10/4/93 | None | 10/4/93 | Surface Water | CR6 | N |
| E27515 | E27526 | 10/4/93 | None | 10/18/93 | Surface Water | Fluoride | N |
| E27515 | E27526 | 10/4/93 | None | 10/27/93 | Surface Water | Gamma Spec | N |
| E27515 | E27526 | 10/4/93 | None | 10/20/93 | Surface Water | META | N |
| E27515 | E27526 | 10/4/93 | None | 10/7/93 | Surface Water | METI | N |
| E27515 | E27526 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27515 | E27526 | 10/4/93 | None | 10/15/93 | Surface Water | Radium | N |
| E27515 | E27526 | 10/4/93 | 10/10/93 | 11/1/93 | Surface Water | Semivolatiles | N |
| E27515 | E27526 | 10/4/93 | None | 10/6/93 | Surface Water | TDS | N |
| E27515 | E27526 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27515 | E27526 | 10/4/93 | None | 10/6/93 | Surface Water | TSS | N |
| E27515 | E27526 | 10/4/93 | None | 11/5/93 | Surface Water | Total U | N |
| 27515 | E932750026 | 10/4/93 | 10/6/93 | 10/13/93 | Surface Water | PCB/Pesticides | N |
| E27515 | E932750026 | 10/4/93 | None | 10/7/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E932750030 **Outfall:** N/S Pipe PM **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27530 | 10/4/93 | None | 10/15/93 | Surface Water | METAD | N |
| D27516 | D27530 | 10/4/93 | None | 10/8/93 | Surface Water | METID | N |
| E27516 | E27530 | 10/4/93 | None | 10/15/93 | Surface Water | Alkalinity | N |
| E27516 | E27530 | 10/4/93 | None | 10/22/93 | Surface Water | Alpha-Beta | N |
| E27516 | E27530 | 10/4/93 | None | 10/15/93 | Surface Water | Ammonia-N | N |
| E27516 | E27530 | 10/4/93 | None | 10/5/93 | Surface Water | Anions | N |
| E27516 | E27530 | 10/4/93 | None | 10/5/93 | Surface Water | BOD | N |
| E27516 | E27530 | 10/4/93 | None | 10/14/93 | Surface Water | COD | N |
| E27516 | E27530 | 10/4/93 | None | 10/5/93 | Surface Water | CR6 | N |
| E27516 | E27530 | 10/4/93 | None | 10/7/93 | Surface Water | Fluoride | N |
| E27516 | E27530 | 10/4/93 | None | 10/25/93 | Surface Water | Gamma Spec | N |
| E27516 | E27530 | 10/4/93 | None | 10/15/93 | Surface Water | META | N |
| E27516 | E27530 | 10/4/93 | None | 10/8/93 | Surface Water | METI | N |
| E27516 | E27530 | 10/4/93 | None | 10/27/93 | Surface Water | Oil & Grease | N |
| E27516 | E27530 | 10/4/93 | None | 10/21/93 | Surface Water | Radium | N |
| E27516 | E27530 | 10/4/93 | 10/6/93 | 10/19/93 | Surface Water | Semivolatiles | N |
| E27516 | E27530 | 10/4/93 | None | 10/7/93 | Surface Water | TDS | N |
| E27516 | E27530 | 10/4/93 | None | 10/20/93 | Surface Water | TOC | N |
| E27516 | E27530 | 10/4/93 | None | 10/7/93 | Surface Water | TSS | N |
| E27516 | E27530 | 10/4/93 | None | 10/28/93 | Surface Water | Total U | N |
| E27516 | E932750030 | 10/4/93 | None | 10/6/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932750018 **Outfall:** Field Blank **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27518 | 10/4/93 | None | 10/15/93 | Field Blank | METAD | N |
| D27516 | D27518 | 10/4/93 | None | 10/8/93 | Field Blank | METID | N |
| E27516 | E27518 | 10/4/93 | None | 10/15/93 | Field Blank | Alkalinity | N |
| E27516 | E27518 | 10/4/93 | None | 10/22/93 | Field Blank | Alpha-Beta | N |
| E27516 | E27518 | 10/4/93 | None | 10/15/93 | Field Blank | Ammonia-N | N |
| E27516 | E27518 | 10/4/93 | None | 10/5/93 | Field Blank | Anions | N |
| E27516 | E27518 | 10/4/93 | None | 10/5/93 | Field Blank | BOD | N |
| E27516 | E27518 | 10/4/93 | None | 10/14/93 | Field Blank | COD | N |
| E27516 | E27518 | 10/4/93 | None | 10/5/93 | Field Blank | CR6 | N |
| E27516 | E27518 | 10/4/93 | None | 10/7/93 | Field Blank | Fluoride | N |
| E27516 | E27518 | 10/4/93 | None | 10/24/93 | Field Blank | Gamma Spec | N |
| E27516 | E27518 | 10/4/93 | None | 10/15/93 | Field Blank | META | N |
| E27516 | E27518 | 10/4/93 | None | 10/8/93 | Field Blank | METI | N |
| E27516 | E27518 | 10/4/93 | None | 10/27/93 | Field Blank | Oil & Grease | N |
| E27516 | E27518 | 10/4/93 | None | 10/21/93 | Field Blank | Radium | N |
| E27516 | E27518 | 10/4/93 | None | 10/7/93 | Field Blank | TDS | N |
| E27516 | E27518 | 10/4/93 | None | 10/20/93 | Field Blank | TOC | N |
| E27516 | E27518 | 10/4/93 | None | 10/7/93 | Field Blank | TSS | N |
| E27516 | E27518 | 10/4/93 | None | 10/27/93 | Field Blank | Total U | N |
| E27516 | E932750018 | 10/4/93 | 10/6/93 | 10/18/93 | Field Blank | Semivolatiles | N |
| E27516 | E932750018 | 10/4/93 | None | 10/6/93 | Field Blank | Volatiles | N |

**ELIMS Number:** E932750019 **Outfall:** Field Lab Rinseate **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27519 | 10/4/93 | None | 10/15/93 | Mob. Lab Blank | METAD | N |
| D27516 | D27519 | 10/4/93 | None | 10/8/93 | Mob. Lab Blank | METID | N |
| E27516 | E27519 | 10/4/93 | None | 10/5/93 | Mob. Lab Blank | Anions | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932750017 **Outfall:** Equip. Rinse **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27215 | 10/4/93 | None | 10/20/93 | Equip. Rinse | METAD | N |
| D27515 | D27517 | 10/4/93 | None | 10/20/93 | Equip. Rinse | METAD | N |
| D27515 | D27517 | 10/4/93 | None | 10/7/93 | Equip. Rinse | METID | N |
| E27515 | E27517 | 10/4/93 | None | 10/11/93 | Equip. Rinse | Alkalinity | N |
| E27515 | E27517 | 10/4/93 | None | 11/2/93 | Equip. Rinse | Alpha-Beta | N |
| E27515 | E27517 | 10/4/93 | None | 10/15/93 | Equip. Rinse | Ammonia-N | N |
| E27515 | E27517 | 10/4/93 | None | 10/5/93 | Equip. Rinse | Anions | N |
| E27515 | E27517 | 10/4/93 | None | 10/5/93 | Equip. Rinse | BOD | N |
| E27515 | E27517 | 10/4/93 | None | 10/13/93 | Equip. Rinse | COD | N |
| E27515 | E27517 | 10/4/93 | None | 10/4/93 | Equip. Rinse | CR6 | N |
| E27515 | E27517 | 10/4/93 | None | 10/18/93 | Equip. Rinse | Fluoride | N |
| E27515 | E27517 | 10/4/93 | None | 10/26/93 | Equip. Rinse | Gamma Spec | N |
| E27515 | E27517 | 10/4/93 | None | 10/20/93 | Equip. Rinse | META | N |
| E27515 | E27517 | 10/4/93 | None | 10/7/93 | Equip. Rinse | METI | N |
| E27515 | E27517 | 10/4/93 | None | 10/27/93 | Equip. Rinse | Oil & Grease | N |
| E27515 | E27517 | 10/4/93 | None | 10/15/93 | Equip. Rinse | Radium | N |
| E27515 | E27517 | 10/4/93 | 10/10/93 | 10/27/93 | Equip. Rinse | Semivolatiles | N |
| E27515 | E27517 | 10/4/93 | None | 10/6/93 | Equip. Rinse | TDS | N |
| E27515 | E27517 | 10/4/93 | None | 10/20/93 | Equip. Rinse | TOC | N |
| E27515 | E27517 | 10/4/93 | None | 10/6/93 | Equip. Rinse | TSS | N |
| E27515 | E27517 | 10/4/93 | None | 10/27/93 | Equip. Rinse | Total U | N |
| 27515 | E932750017 | 10/4/93 | 10/6/93 | 10/13/93 | Equip. Rinse | PCB/Pesticides | N |
| E27515 | E932750017 | 10/4/93 | None | 10/7/93 | Equip. Rinse | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

## Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932750016 **Outfall:** Dup. # 2/Outfall 160 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27516 | D27516 | 10/4/93 | None | 10/15/93 | Duplicate | METAD | N |
| D27516 | D27516 | 10/4/93 | None | 10/8/93 | Duplicate | METID | N |
| E27516 | E25716 | 10/4/93 | None | 10/15/93 | Duplicate | Ammonia-N | N |
| E27516 | E27516 | 10/4/93 | None | 10/15/93 | Duplicate | Alkalinity | N |
| E27516 | E27516 | 10/4/93 | None | 10/22/93 | Duplicate | Alpha-Beta | N |
| E27516 | E27516 | 10/4/93 | None | 10/6/93 | Duplicate | Anions | N |
| E27516 | E27516 | 10/4/93 | None | 10/5/93 | Duplicate | BOD | N |
| E27516 | E27516 | 10/4/93 | None | 10/14/93 | Duplicate | COD | N |
| E27516 | E27516 | 10/4/93 | None | 10/5/93 | Duplicate | CR6 | N |
| E27516 | E27516 | 10/4/93 | None | 10/7/93 | Duplicate | Fluoride | N |
| E27516 | E27516 | 10/4/93 | None | 10/24/93 | Duplicate | Gamma Spec | N |
| E27516 | E27516 | 10/4/93 | None | 10/15/93 | Duplicate | META | N |
| E27516 | E27516 | 10/4/93 | None | 10/8/93 | Duplicate | METI | N |
| E27516 | E27516 | 10/4/93 | None | 10/27/93 | Duplicate | Oil & Grease | N |
| E27516 | E27516 | 10/4/93 | None | 10/21/93 | Duplicate | Radium | N |
| E27516 | E27516 | 10/4/93 | None | 10/7/93 | Duplicate | TDS | N |
| E27516 | E27516 | 10/4/93 | None | 10/20/93 | Duplicate | TOC | N |
| E27516 | E27516 | 10/4/93 | None | 10/7/93 | Duplicate | TSS | N |
| E27516 | E27516 | 10/4/93 | None | 10/27/93 | Duplicate | Total U | N |
| 27516 | E932750016 | 10/4/93 | 10/7/93 | 10/14/93 | Duplicate | PCB/Pesticides | N |
| E27516 | E932750016 | 10/4/93 | 10/6/93 | 10/18/93 | Duplicate | Semivolatiles | N |
| E27516 | E932750016 | 10/4/93 | None | 10/6/93 | Duplicate | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932750015 **Outfall:** Dup. # 1/9422-16 SWHISS House **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D27515 | D27515 | 10/4/93 | None | 10/20/93 | Duplicate | METAD | N |
| D27515 | D27515 | 10/4/93 | None | 10/7/93 | Duplicate | METID | N |
| E27515 | E27515 | 10/4/93 | None | 10/11/93 | Duplicate | Alkalinity | N |
| E27515 | E27515 | 10/4/93 | None | 11/2/93 | Duplicate | Alpha-Beta | N |
| E27515 | E27515 | 10/4/93 | None | 10/15/93 | Duplicate | Ammonia-N | N |
| E27515 | E27515 | 10/4/93 | None | 10/4/93 | Duplicate | Anions | N |
| E27515 | E27515 | 10/4/93 | None | 10/5/93 | Duplicate | BOD | N |
| E27515 | E27515 | 10/4/93 | None | 10/13/93 | Duplicate | COD | N |
| E27515 | E27515 | 10/4/93 | None | 10/4/93 | Duplicate | CR6 | N |
| E27515 | E27515 | 10/4/93 | None | 10/18/93 | Duplicate | Fluoride | N |
| E27515 | E27515 | 10/4/93 | None | 10/26/93 | Duplicate | Gamma Spec | N |
| E27515 | E27515 | 10/4/93 | None | 10/20/93 | Duplicate | META | N |
| E27515 | E27515 | 10/4/93 | None | 10/7/93 | Duplicate | METI | N |
| E27515 | E27515 | 10/4/93 | None | 10/27/93 | Duplicate | Oil & Grease | N |
| E27515 | E27515 | 10/4/93 | None | 10/15/93 | Duplicate | Radium | N |
| E27515 | E27515 | 10/4/93 | 10/10/93 | 10/27/93 | Duplicate | Semivolatiles | N |
| E27515 | E27515 | 10/4/93 | None | 10/6/93 | Duplicate | TDS | N |
| E27515 | E27515 | 10/4/93 | None | 10/20/93 | Duplicate | TOC | N |
| E27515 | E27515 | 10/4/93 | None | 10/6/93 | Duplicate | TSS | N |
| E27515 | E27515 | 10/4/93 | None | 10/28/93 | Duplicate | Total U | N |
| 27515 | E932750015 | 10/4/93 | 10/6/93 | 10/13/93 | Duplicate | PCB/Pesticides | N |
| E27515 | E932750015 | 10/4/93 | None | 10/7/93 | Duplicate | Volatiles | N |

### Trip Blanks

**ELIMS Number:** E932750006 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750006 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750011 **Outfall:** TB for ER **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750011 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750012 **Outfall:** TB for FB **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750012 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Trip Blanks

**ELIMS Number:** E932750001 **Outfall:** Outfall 150 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750001 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750002 **Outfall:** Outfall 160 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750002 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750014 **Outfall:** Dup. # 2/Outfall 160 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750014 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750003 **Outfall:** Outfall 163 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750003 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750004 **Outfall:** Outfall 169 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750004 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750005 **Outfall:** Outfall 179 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750005 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 2, Part 2
### Trip Blanks

**ELIMS Number:** E932750007 **Outfall:** Outfall 189 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750007 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750008 **Outfall:** Outfall 190 **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750008 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750000 **Outfall:** N/S Pipe AM **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750000 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750009 **Outfall:** Western Line **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750009 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750013 **Outfall:** Dup. # 1/9422-16 SWHISS House **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27515 | E932750013 | 10/4/93 | None | 10/7/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932750010 **Outfall:** N/S Pipe PM **Event Name:** Event 2, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E27516 | E932750010 | 10/4/93 | None | 10/6/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920041 **Outfall:** Outfall 2 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292041 | 10/28/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292041 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292041 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292041 | 10/28/93 | None | 11/21/93 | Surface Water | Gamma Spec | N |
| 292041 | 292041 | 10/28/93 | None | 11/12/93 | Surface Water | Radium | N |
| 292041 | 292041 | 10/28/93 | None | 11/10/93 | Surface Water | Total U | N |
| E292041 | 292041 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292041 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292041 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292041 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292041 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292041 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92041 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92041 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92041 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92041 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

**ELIMS Number:** E932920046 **Outfall:** Outfall 10 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292046 | 10/28/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292046 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292046 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292046 | 10/28/93 | None | 11/12/93 | Surface Water | Radium | N |
| 292041 | 292046 | 10/28/93 | None | 11/10/93 | Surface Water | Total U | N |
| E292041 | 292046 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292046 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292046 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292046 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292046 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292046 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92046 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92046 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92046 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92046 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920049 **Outfall:** Outfall 14 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292049 | 10/28/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292049 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292049 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292049 | 10/28/93 | None | 11/21/93 | Surface Water | Gamma Spec | N |
| 292041 | 292049 | 10/28/93 | None | 11/12/93 | Surface Water | Radium | N |
| 292041 | 292049 | 10/28/93 | None | 11/10/93 | Surface Water | Total U | N |
| E292041 | 292049 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292049 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292049 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292049 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292049 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292049 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92049 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92049 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92049 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92049 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

**ELIMS Number:** E932920050 **Outfall:** Outfall 17 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292050 | 10/28/93 | None | 11/9/93 | Spring Water | Alpha-Beta | N |
| 292041 | 292050 | 10/28/93 | None | 10/29/93 | Spring Water | Anions | N |
| 292041 | 292050 | 10/28/93 | None | 11/15/93 | Spring Water | Fluoride | N |
| 292041 | 292050 | 10/28/93 | None | 11/21/93 | Spring Water | Gamma Spec | N |
| 292041 | 292050 | 10/28/93 | None | 11/12/93 | Spring Water | Radium | N |
| 292041 | 292050 | 10/28/93 | None | 11/11/93 | Spring Water | Total U | N |
| E292041 | 292050 | 10/28/93 | None | 11/8/93 | Spring Water | Alkalinity | N |
| E292041 | 292050 | 10/28/93 | None | 11/9/93 | Spring Water | Ammonia-N | N |
| E292041 | 292050 | 10/28/93 | None | 11/16/93 | Spring Water | Oil & Grease | N |
| E292041 | 292050 | 10/28/93 | None | 10/29/93 | Spring Water | TDS | N |
| E292041 | 292050 | 10/28/93 | None | 11/18/93 | Spring Water | TOC | N |
| E292041 | 292050 | 10/28/93 | None | 10/29/93 | Spring Water | TSS | N |
| D29241 | D92050 | 10/28/93 | None | 11/2/93 | Spring Water | METAD | N |
| D29241 | D92050 | 10/28/93 | None | 11/3/93 | Spring Water | METID | N |
| E29241 | E92050 | 10/28/93 | None | 11/2/93 | Spring Water | META | N |
| E29241 | E92050 | 10/28/93 | None | 11/3/93 | Spring Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E933000162 **Outfall:** Outfall 21 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 300162 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292041 | 300162 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 300162 | 10/28/93 | None | 11/15/93 | Surface Water | Fluoride | N |
| 292041 | 300162 | 10/28/93 | None | 11/22/93 | Surface Water | Gamma Spec | N |
| 292041 | 300162 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292041 | 300162 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| E292041 | 300162 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 300162 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 300162 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 300162 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 300162 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 300162 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D00162 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D00162 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E00162 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E00162 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

**ELIMS Number:** E933000027 **Outfall:** Outfall 34 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 300027 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292041 | 300027 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 300027 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 300027 | 10/28/93 | None | 1/20/94 | Surface Water | Gamma Spec | N |
| 292041 | 300027 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292041 | 300027 | 10/28/93 | None | 11/10/93 | Surface Water | Total U | N |
| E292041 | 300027 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 300027 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 300027 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 300027 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 300027 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 300027 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D00027 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D00027- | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E00027 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E00027 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920055 **Outfall:** Outfall 42 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292055 | 10/28/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292055 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292055 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292055 | 10/28/93 | None | 12/10/93 | Surface Water | Gamma Spec | N |
| 292041 | 292055 | 10/28/93 | None | 11/12/93 | Surface Water | Radium | N |
| 292041 | 292055 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| E292041 | 292055 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292055 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292055 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292055 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292055 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292055 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92055 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92055 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92055 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92055 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

**ELIMS Number:** E932920057 **Outfall:** Outfall 47 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 292057 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292057 | 292057 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 292057 | 10/28/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 292057 | 10/28/93 | None | 11/14/93 | Surface Water | Gamma Spec | N |
| 292057 | 292057 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292057 | 292057 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 292057 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 292057 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 292057 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 292057 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 292057 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 292057 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D92057 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D92057 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E92057 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E92057 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E933000028 **Outfall:** Outfall 48 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E292057 | 292028 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| 292057 | 300028 | 10/28/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292057 | 300028 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 300028 | 10/28/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 300028 | 10/28/93 | None | 11/15/93 | Surface Water | Gamma Spec | N |
| 292057 | 300028 | 10/28/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292057 | 300028 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 300028 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 300028 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 300028 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 300028 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 300028 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D00028 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D00028 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E00028 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E00028 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

**ELIMS Number:** E933000030 **Outfall:** Outfall 49 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 300030 | 10/28/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292057 | 300030 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 300030 | 10/28/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 300030 | 10/28/93 | None | 11/15/93 | Surface Water | Gamma Spec | N |
| 292057 | 300030 | 10/28/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292057 | 300030 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 300030 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 300030 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 300030 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 300030 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 300030 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 300030 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D00030 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D00030 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E00030 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E00030 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920178 **Outfall:** Outfall 51 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292178 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292178 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292178 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292178 | 10/28/93 | None | 12/13/93 | Surface Water | Gamma Spec | N |
| 292041 | 292178 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292041 | 292178 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| E292041 | 292178 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292178 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292178 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292178 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292178 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292178 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92178 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92178 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92178 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92178 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

**ELIMS Number:** E932920179 **Outfall:** Outfall 54 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 292179 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292057 | 292179 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 292179 | 10/28/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 292179 | 10/28/93 | None | 11/14/93 | Surface Water | Gamma Spec | N |
| 292057 | 292179 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292057 | 292179 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 292179 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 292179 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 292179 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 292179 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 292179 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 292179 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D92179 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D92179 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E92179 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E92179 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920180 **Outfall:** Outfall 55 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 292180 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292057 | 292180 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 292180 | 10/28/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| 292057 | 292180 | 10/28/93 | None | 11/14/93 | Surface Water | Gamma Spec | N |
| 292057 | 292180 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292057 | 292180 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 292180 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 292180 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 292180 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 292180 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 292180 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 292180 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D92180 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D92180 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E92180 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E92180 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

**ELIMS Number:** E932920181 **Outfall:** Outfall 67 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 292181 | 10/29/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292057 | 292181 | 10/29/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 292181 | 10/29/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 292181 | 10/29/93 | None | 11/16/93 | Surface Water | Gamma Spec | N |
| 292057 | 292181 | 10/29/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292057 | 292181 | 10/29/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 292181 | 10/29/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 292181 | 10/29/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 292181 | 10/29/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 292181 | 10/29/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 292181 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 292181 | 10/29/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D92181 | 10/29/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D92181 | 10/29/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E92181 | 10/29/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E92181 | 10/29/93 | None | 11/5/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E933000031 **Outfall:** Outfall 71 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| 292189 | 300031 | 10/29/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292189 | 300031 | 10/29/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292189 | 300031 | 10/29/93 | None | 11/9/93 | Surface Water | Fluoride | N |
| 292189 | 300031 | 10/29/93 | None | 11/12/93 | Surface Water | Gamma Spec | N |
| 292189 | 300031 | 10/29/93 | None | 11/5/93 | Surface Water | Radium | N |
| 292189 | 300031 | 10/29/93 | None | 11/18/93 | Surface Water | Total U | N |
| D292189 | D00031 | 10/29/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292189 | D00031 | 10/29/93 | None | 11/12/93 | Surface Water | METID | N |
| E292189 | E00031 | 10/29/93 | None | 11/5/93 | Surface Water | META | N |
| E292189 | E00031 | 10/29/93 | None | 11/15/93 | Surface Water | METI | N |

**ELIMS Number:** E932920189 **Outfall:** Outfall 73 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292189 | 292189 | 10/29/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292189 | 292189 | 10/29/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292189 | 292189 | 10/29/93 | None | 11/9/93 | Surface Water | Fluoride | N |
| 292189 | 292189 | 10/29/93 | None | 11/12/93 | Surface Water | Gamma Spec | N |
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| 292189 | 292189 | 10/29/93 | None | 11/5/93 | Surface Water | Radium | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | Total U | N |
| D292189 | D92189 | 10/29/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292189 | D92189 | 10/29/93 | None | 11/12/93 | Surface Water | METID | N |
| E292189 | E92189 | 10/29/93 | None | 11/5/93 | Surface Water | META | N |
| E292189 | E92189 | 10/29/93 | None | 11/15/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920013 **Outfall:** Outfall 88 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292013 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292013 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292013 | 292013 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292013 | 292013 | 10/29/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292013 | 10/29/93 | None | 11/22/93 | Surface Water | Gamma Spec | N |
| 292013 | 292013 | 10/29/93 | None | 11/15/93 | Surface Water | Radium | N |
| 292013 | 292013 | 10/29/93 | 11/3/93 | 12/3/93 | Surface Water | Semivolatiles | N |
| 292013 | 292013 | 10/29/93 | None | 11/9/93 | Surface Water | Total U | N |
| 2921B | 292013 | 10/29/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292013 | 10/29/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292013 | 10/29/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292013 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292013 | 10/29/93 | None | 11/16/93 | Surface Water | COD | N |
| E292013 | 292013 | 10/29/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292013 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292013 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292013 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92013 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92013 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92013 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92013 | 10/29/93 | None | 11/9/93 | Surface Water | METI | N |

**ELIMS Number:** E932920016 **Outfall:** Outfall 109 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292016 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292016 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292013 | 292016 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292013 | 292016 | 10/29/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| 292013 | 292016 | 10/29/93 | None | 11/22/93 | Surface Water | Gamma Spec | N |
| 292013 | 292016 | 10/29/93 | None | 11/15/93 | Surface Water | Radium | N |
| 292013 | 292016 | 10/29/93 | 11/3/93 | 12/3/93 | Surface Water | Semivolatiles | N |
| 292013 | 292016 | 10/29/93 | None | 11/9/93 | Surface Water | Total U | N |
| 2921B | 292016 | 10/29/93 | 11/3/93 | 12/2/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292016 | 10/29/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292016 | 10/29/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292016 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292016 | 10/29/93 | None | 11/16/93 | Surface Water | COD | N |
| E292013 | 292016 | 10/29/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292016 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292016 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292016 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92016 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92016 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92016 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92016 | 10/29/93 | None | 11/9/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920017 **Outfall:** Outfall 113 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292017 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292017 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292013 | 292017 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292013 | 292017 | 10/29/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292017 | 10/29/93 | None | 11/23/93 | Surface Water | Gamma Spec | N |
| 292013 | 292017 | 10/29/93 | None | 11/15/93 | Surface Water | Radium | N |
| 292013 | 292017 | 10/29/93 | 11/3/93 | 12/3/93 | Surface Water | Semivolatiles | N |
| 292013 | 292017 | 10/29/93 | None | 11/9/93 | Surface Water | Total U | N |
| 2921B | 292017 | 10/29/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292017 | 10/29/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292017 | 10/29/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292017 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292017 | 10/29/93 | None | 11/16/93 | Surface Water | COD | N |
| E292013 | 292017 | 10/29/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292017 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292017 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292017 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92017 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92017 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92017 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92017 | 10/29/93 | None | 11/9/93 | Surface Water | METI | N |

**ELIMS Number:** E932920019 **Outfall:** Outfall 122 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292019 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292019 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292013 | 292019 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292013 | 292019 | 10/29/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292019 | 10/29/93 | None | 11/23/93 | Surface Water | Gamma Spec | N |
| 292013 | 292019 | 10/29/93 | None | 11/15/93 | Surface Water | Radium | N |
| 292013 | 292019 | 10/29/93 | 11/3/93 | 12/3/93 | Surface Water | Semivolatiles | N |
| 292013 | 292019 | 10/29/93 | None | 11/9/93 | Surface Water | Total U | N |
| 2921B | 292019 | 10/29/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292019 | 10/29/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292019 | 10/29/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292019 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292019 | 10/29/93 | None | 11/16/93 | Surface Water | COD | N |
| E292013 | 292019 | 10/29/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292019 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292019 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292019 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92019 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92019 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92019 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92019 | 10/29/93 | None | 11/9/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920022 **Outfall:** Outfall 128 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292022 | 10/29/93 | None | 11/3/93 | Surface Water | Alpha-Beta | N |
| 292015 | 292022 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292015 | 292022 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292015 | 292022 | 10/29/93 | None | 11/10/93 | Surface Water | Fluoride | N |
| 292015 | 292022 | 10/29/93 | None | 11/8/93 | Surface Water | Gamma Spec | N |
| 292015 | 292022 | 10/29/93 | 11/4/93 | 12/5/93 | Surface Water | PCB/Pesticides | N |
| 292015 | 292022 | 10/29/93 | None | 11/3/93 | Surface Water | Radium | N |
| 292015 | 292022 | 10/29/93 | 11/1/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292015 | 292022 | 10/29/93 | None | 11/11/93 | Surface Water | Total U | N |
| 292015 | 292022 | 10/29/93 | None | 11/5/93 | Surface Water | Volatiles | N |
| E292015 | 292022 | 10/29/93 | None | 11/11/93 | Surface Water | Alkalinity | N |
| E292015 | 292022 | 10/29/93 | None | 11/22/93 | Surface Water | Ammonia-N | N |
| E292015 | 292022 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292015 | 292022 | 10/29/93 | None | 11/18/93 | Surface Water | COD | N |
| E292015 | 292022 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| E292015 | 292022 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292015 | 292022 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292015 | 292022 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292015 | D92022 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29215 | D92022 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29215 | E92022 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E92015 | E92022 | 10/29/93 | None | 11/11/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920026 **Outfall:** Outfall 133 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292026 | 10/29/93 | None | 11/3/93 | Surface Water | Alpha-Beta | N |
| 292015 | 292026 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292015 | 292026 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292015 | 292026 | 10/29/93 | None | 11/10/93 | Surface Water | Fluoride | N |
| 292015 | 292026 | 10/29/93 | None | 11/9/93 | Surface Water | Gamma Spec | N |
| 292015 | 292026 | 10/29/93 | 11/4/93 | 12/6/93 | Surface Water | PCB/Pesticides | N |
| 292015 | 292026 | 10/29/93 | None | 11/3/93 | Surface Water | Radium | N |
| 292015 | 292026 | 10/29/93 | 11/1/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292015 | 292026 | 10/29/93 | None | 11/11/93 | Surface Water | Total U | N |
| 292015 | 292026 | 10/29/93 | None | 11/5/93 | Surface Water | Volatiles | N |
| E292015 | 292026 | 10/29/93 | None | 11/11/93 | Surface Water | Alkalinity | N |
| E292015 | 292026 | 10/29/93 | None | 11/22/93 | Surface Water | Ammonia-N | N |
| E292015 | 292026 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292015 | 292026 | 10/29/93 | None | 11/18/93 | Surface Water | COD | N |
| E292015 | 292026 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| E292015 | 292026 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292015 | 292026 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292015 | 292026 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292015 | D92026 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29215 | D92026 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29215 | E92026 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E92015 | E92026 | 10/29/93 | None | 11/11/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920023 **Outfall:** Outfall 135 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292023 | 10/29/93 | None | 11/3/93 | Surface Water | Alpha-Beta | N |
| 292015 | 292023 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292015 | 292023 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292015 | 292023 | 10/29/93 | None | 11/10/93 | Surface Water | Fluoride | N |
| 292015 | 292023 | 10/29/93 | None | 11/9/93 | Surface Water | Gamma Spec | N |
| 292015 | 292023 | 10/29/93 | 11/4/93 | 12/6/93 | Surface Water | PCB/Pesticides | N |
| 292015 | 292023 | 10/29/93 | None | 11/3/93 | Surface Water | Radium | N |
| 292015 | 292023 | 10/29/93 | 11/1/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292015 | 292023 | 10/29/93 | None | 11/11/93 | Surface Water | Total U | N |
| 292015 | 292023 | 10/29/93 | None | 11/5/93 | Surface Water | Volatiles | N |
| E292015 | 292023 | 10/29/93 | None | 11/11/93 | Surface Water | Alkalinity | N |
| E292015 | 292023 | 10/29/93 | None | 11/22/93 | Surface Water | Ammonia-N | N |
| E292015 | 292023 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292015 | 292023 | 10/29/93 | None | 11/18/93 | Surface Water | COD | N |
| E292015 | 292023 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| E292015 | 292023 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292015 | 292023 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292015 | 292023 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292015 | D92023 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29215 | D92023 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29215 | E92023 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E92015 | E92023 | 10/29/93 | None | 11/11/93 | Surface Water | METI | N |

**ELIMS Number:** E932920028 **Outfall:** N/S Pipe AM **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292028 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292028 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292013 | 292028 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292013 | 292028 | 10/29/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292028 | 10/29/93 | None | 12/14/93 | Surface Water | Gamma Spec | N |
| 292013 | 292028 | 10/29/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292013 | 292028 | 10/29/93 | 11/3/93 | 12/3/93 | Surface Water | Semivolatiles | N |
| 292013 | 292028 | 10/29/93 | None | 11/11/93 | Surface Water | Total U | N |
| 2921B | 292028 | 10/29/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292028 | 10/29/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292028 | 10/29/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292028 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292028 | 10/29/93 | None | 11/23/93 | Surface Water | COD | N |
| E292013 | 292028 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292028 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292028 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| E292013 | 300028 | 10/29/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| D292013 | D92028 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92028 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92028 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92028 | 10/29/93 | None | 11/9/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E933000026 **Outfall:** Station 8 AM/Day 2 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 300026 | 10/29/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292057 | 300026 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292057 | 300026 | 10/29/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| 292057 | 300026 | 10/29/93 | None | 11/16/93 | Surface Water | Gamma Spec | N |
| 292057 | 300026 | 10/29/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292057 | 300026 | 10/29/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 300026 | 10/29/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 300026 | 10/29/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 300026 | 10/29/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 300026 | 10/29/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 300026 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 300026 | 10/29/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D00026 | 10/29/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D00026 | 10/29/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E00026 | 10/29/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E00026 | 10/29/93 | None | 11/5/93 | Surface Water | METI | N |

**ELIMS Number:** E932920187 **Outfall:** Station 8 AM/Day 1 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 292187 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292041 | 292187 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292041 | 292187 | 10/28/93 | None | 11/2/93 | Surface Water | Fluoride | N |
| 292041 | 292187 | 10/28/93 | None | 1/19/94 | Surface Water | Gamma Spec | N |
| 292041 | 292187 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292041 | 292187 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| E292041 | 292187 | 10/28/93 | None | 11/8/93 | Surface Water | Alkalinity | N |
| E292041 | 292187 | 10/28/93 | None | 11/9/93 | Surface Water | Ammonia-N | N |
| E292041 | 292187 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292041 | 292187 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292041 | 292187 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292041 | 292187 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D29241 | D92187 | 10/28/93 | None | 11/2/93 | Surface Water | METAD | N |
| D29241 | D92187 | 10/28/93 | None | 11/3/93 | Surface Water | METID | N |
| E29241 | E92187 | 10/28/93 | None | 11/2/93 | Surface Water | META | N |
| E29241 | E92187 | 10/28/93 | None | 11/3/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920185 **Outfall:** Station 8 PM/Day 1 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 292185 | 10/28/93 | None | 11/12/93 | Surface Water | Alpha-Beta | N |
| 292057 | 292185 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292057 | 292185 | 10/28/93 | None | 11/3/93 | Surface Water | Fluoride | N |
| 292057 | 292185 | 10/28/93 | None | 11/15/93 | Surface Water | Gamma Spec | N |
| 292057 | 292185 | 10/28/93 | None | 11/11/93 | Surface Water | Radium | N |
| 292057 | 292185 | 10/28/93 | None | 11/13/93 | Surface Water | Total U | N |
| E292057 | 292185 | 10/28/93 | None | 11/9/93 | Surface Water | Alkalinity | N |
| E292057 | 292185 | 10/28/93 | None | 11/14/93 | Surface Water | Ammonia-N | N |
| E292057 | 292185 | 10/28/93 | None | 11/19/93 | Surface Water | Oil & Grease | N |
| E292057 | 292185 | 10/28/93 | None | 10/29/93 | Surface Water | TDS | N |
| E292057 | 292185 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292057 | 292185 | 10/28/93 | None | 10/29/93 | Surface Water | TSS | N |
| D292057 | D92185 | 10/28/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292057 | D92185 | 10/28/93 | None | 11/8/93 | Surface Water | METID | N |
| E292057 | E92185 | 10/28/93 | None | 11/5/93 | Surface Water | META | N |
| E292057 | E92185 | 10/28/93 | None | 11/5/93 | Surface Water | METI | N |

**ELIMS Number:** E932920015 **Outfall:** Station 8 PM/Day 2 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292015 | 10/29/93 | None | 11/3/93 | Surface Water | Alpha-Beta | N |
| 292015 | 292015 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292015 | 292015 | 10/29/93 | None | 10/29/93 | Surface Water | CR6 | N |
| 292015 | 292015 | 10/29/93 | None | 11/10/93 | Surface Water | Fluoride | N |
| 292015 | 292015 | 10/29/93 | None | 11/8/93 | Surface Water | Gamma Spec | N |
| 292015 | 292015 | 10/29/93 | 11/4/93 | 12/5/93 | Surface Water | PCB/Pesticides | N |
| 292015 | 292015 | 10/29/93 | None | 11/3/93 | Surface Water | Radium | N |
| 292015 | 292015 | 10/29/93 | 11/1/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292015 | 292015 | 10/29/93 | None | 11/11/93 | Surface Water | Total U | N |
| 292015 | 292015 | 10/29/93 | None | 11/5/93 | Surface Water | Volatiles | N |
| E292015 | 292015 | 10/29/93 | None | 11/11/93 | Surface Water | Alkalinity | N |
| E292015 | 292015 | 10/29/93 | None | 11/22/93 | Surface Water | Ammonia-N | N |
| E292015 | 292015 | 10/29/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292015 | 292015 | 10/29/93 | None | 11/18/93 | Surface Water | COD | N |
| E292015 | 292015 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| E292015 | 292015 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292015 | 292015 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292015 | 292015 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292015 | D92015 | 10/29/93 | None | 11/10/93 | Surface Water | METID | N |
| D29215 | D92015 | 10/29/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29215 | E92015 | 10/29/93 | None | 11/8/93 | Surface Water | META | N |
| E92015 | E92015 | 10/29/93 | None | 11/11/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920191 **Outfall:** Oil Skimmer AM **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292191 | 10/28/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292191 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292013 | 292191 | 10/28/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292191 | 10/28/93 | None | 12/14/93 | Surface Water | Gamma Spec | N |
| 292013 | 292191 | 10/28/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292013 | 292191 | 10/28/93 | 11/3/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292013 | 292191 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| 2921B | 292191 | 10/28/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292191 | 10/28/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292191 | 10/28/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292191 | 10/28/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292191 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292191 | 10/28/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292191 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292191 | 10/28/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92191 | 10/28/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92191 | 10/28/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92191 | 10/28/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92191 | 10/28/93 | None | 11/9/93 | Surface Water | METI | N |

**ELIMS Number:** E932920192 **Outfall:** Oil Skimmer PM **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292192 | 10/28/93 | None | 11/15/93 | Surface Water | Alpha-Beta | N |
| 292013 | 292192 | 10/28/93 | None | 10/29/93 | Surface Water | Anions | N |
| 292013 | 292192 | 10/28/93 | None | 11/4/93 | Surface Water | Fluoride | N |
| 292013 | 292192 | 10/28/93 | None | 12/14/93 | Surface Water | Gamma Spec | N |
| 292013 | 292192 | 10/28/93 | None | 11/16/93 | Surface Water | Radium | N |
| 292013 | 292192 | 10/28/93 | 11/3/93 | 11/24/93 | Surface Water | Semivolatiles | N |
| 292013 | 292192 | 10/28/93 | None | 11/11/93 | Surface Water | Total U | N |
| 2921B | 292192 | 10/28/93 | 11/3/93 | 12/4/93 | Surface Water | PCB/Pesticides | N |
| E292013 | 292192 | 10/28/93 | None | 11/10/93 | Surface Water | Alkalinity | N |
| E292013 | 292192 | 10/28/93 | None | 11/23/93 | Surface Water | Ammonia-N | N |
| E292013 | 292192 | 10/28/93 | None | 10/30/93 | Surface Water | BOD | N |
| E292013 | 292192 | 10/28/93 | None | 11/16/93 | Surface Water | Oil & Grease | N |
| E292013 | 292192 | 10/28/93 | None | 11/1/93 | Surface Water | TDS | N |
| E292013 | 292192 | 10/28/93 | None | 11/18/93 | Surface Water | TOC | N |
| E292013 | 292192 | 10/28/93 | None | 11/1/93 | Surface Water | TSS | N |
| D292013 | D92192 | 10/28/93 | None | 11/10/93 | Surface Water | METID | N |
| D29213 | D92192 | 10/28/93 | None | 11/8/93 | Surface Water | METAD | N |
| E29213 | E92192 | 10/28/93 | None | 11/8/93 | Surface Water | META | N |
| E29213 | E92192 | 10/28/93 | None | 11/9/93 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Regular Samples

**ELIMS Number:** E932920190 **Outfall:** N/S Pipe PM **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | Oil & Grease | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TDS | N |
| 292189 | 292189 | 10/29/93 | None | 11/18/93 | Surface Water | TOC | N |
| 292189 | 292189 | 10/29/93 | None | 11/1/93 | Surface Water | TSS | N |
| 292189 | 292190 | 10/29/93 | None | 11/9/93 | Surface Water | Alpha-Beta | N |
| 292189 | 292190 | 10/29/93 | None | 10/30/93 | Surface Water | Anions | N |
| 292189 | 292190 | 10/29/93 | None | 11/9/93 | Surface Water | Fluoride | N |
| 292189 | 292190 | 10/29/93 | None | 11/12/93 | Surface Water | Gamma Spec | N |
| 292189 | 292190 | 10/29/93 | None | 11/5/93 | Surface Water | Radium | N |
| 292189 | .. 292190 | 10/29/93 | None | 11/18/93 | Surface Water | Total U | N |
| D292189 | D92190 | 10/29/93 | None | 11/5/93 | Surface Water | METAD | N |
| D292189 | D92190 | 10/29/93 | None | 11/12/93 | Surface Water | METID | N |
| E292189 | E92190 | 10/29/93 | None | 11/5/93 | Surface Water | META | N |
| E292189 | E92190 | 10/29/93 | None | 11/15/93 | Surface Water | METI | N |

### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E932920032 **Outfall:** Field Blank **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292032 | 10/28/93 | None | 11/15/93 | Field Blank | Alpha-Beta | N |
| 292013 | 292032 | 10/28/93 | None | 10/29/93 | Field Blank | Anions | N |
| 292013 | 292032 | 10/28/93 | None | 10/29/93 | Field Blank | CR6 | N |
| 292013 | 292032 | 10/28/93 | None | 11/11/93 | Field Blank | Fluoride | N |
| 292013 | 292032 | 10/28/93 | None | 11/21/93 | Field Blank | Gamma Spec | N |
| 292013 | 292032 | 10/28/93 | None | 11/16/93 | Field Blank | Radium | N |
| 292013 | 292032 | 10/28/93 | 11/3/93 | 11/24/93 | Field Blank | Semivolatiles | N |
| 292013 | 292032 | 10/28/93 | None | 11/11/93 | Field Blank | Total U | N |
| 2921B | 292032 | 10/28/93 | 11/3/93 | 12/4/93 | Field Blank | PCB/Pesticides | N |
| E292013 | 292032 | 10/28/93 | None | 11/10/93 | Field Blank | Alkalinity | N |
| E292013 | 292032 | 10/28/93 | None | 11/23/93 | Field Blank | Ammonia-N | N |
| E292013 | 292032 | 10/28/93 | None | 10/30/93 | Field Blank | BOD | N |
| E292013 | 292032 | 10/28/93 | None | 11/23/93 | Field Blank | COD | N |
| E292013 | 292032 | 10/28/93 | None | 11/16/93 | Field Blank | Oil & Grease | N |
| E292013 | 292032 | 10/28/93 | None | 11/1/93 | Field Blank | TDS | N |
| E292013 | 292032 | 10/28/93 | None | 11/18/93 | Field Blank | TOC | N |
| E292013 | 292032 | 10/28/93 | None | 11/1/93 | Field Blank | TSS | N |
| D292013 | D92032 | 10/28/93 | None | 11/10/93 | Field Blank | METID | N |
| D29213 | D92032 | 10/28/93 | None | 11/8/93 | Field Blank | METAD | N |
| E29213 | E92032 | 10/28/93 | None | 11/8/93 | Field Blank | META | N |
| E29213 | E92032 | 10/28/93 | None | 11/9/93 | Field Blank | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933020000 **Outfall:** Field Lab Rinseate **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 302000 | 10/29/93 | None | 10/30/93 | Mob. Lab Blank | Anions | N |
| D292057 | D02000 | 10/29/93 | None | 11/5/93 | Mob. Lab Blank | METAD | N |
| D292057 | D02000 | 10/29/93 | None | 11/8/93 | Mob. Lab Blank | METID | N |

**ELIMS Number:** E932920115 **Outfall:** Equip. Rinse **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292013 | 292115 | 10/28/93 | None | 11/15/93 | Equip. Rinse | Alpha-Beta | N |
| 292013 | 292115 | 10/28/93 | None | 10/29/93 | Equip. Rinse | Anions | N |
| 292013 | 292115 | 10/28/93 | None | 10/29/93 | Equip. Rinse | CR6 | N |
| 292013 | 292115 | 10/28/93 | None | 11/4/93 | Equip. Rinse | Fluoride | N |
| 292013 | 292115 | 10/28/93 | None | 12/10/93 | Equip. Rinse | Gamma Spec | N |
| 292013 | 292115 | 10/28/93 | None | 11/15/93 | Equip. Rinse | Radium | N |
| 292013 | 292115 | 10/28/93 | 11/3/93 | 11/24/93 | Equip. Rinse | Semivolatiles | N |
| 292013 | 292115 | 10/28/93 | None | 11/11/93 | Equip. Rinse | Total U | N |
| 2921B | 292115 | 10/28/93 | 11/3/93 | 12/4/93 | Equip. Rinse | PCB/Pesticides | N |
| E292013 | 292115 | 10/28/93 | None | 11/10/93 | Equip. Rinse | Alkalinity | N |
| E292013 | 292115 | 10/28/93 | None | 11/23/93 | Equip. Rinse | Ammonia-N | N |
| E292013 | 292115 | 10/28/93 | None | 10/29/93 | Equip. Rinse | BOD | N |
| E292013 | 292115 | 10/28/93 | None | 11/23/93 | Equip. Rinse | COD | N |
| E292013 | 292115 | 10/28/93 | None | 11/16/93 | Equip. Rinse | Oil & Grease | N |
| E292013 | 292115 | 10/28/93 | None | 11/1/93 | Equip. Rinse | TDS | N |
| E292013 | 292115 | 10/28/93 | None | 11/18/93 | Equip. Rinse | TOC | N |
| E292013 | 292115 | 10/28/93 | None | 11/1/93 | Equip. Rinse | TSS | N |
| D292013 | D92115 | 10/28/93 | None | 11/10/93 | Equip. Rinse | METID | N |
| D29213 | D92115 | 10/28/93 | None | 11/8/93 | Equip. Rinse | METAD | N |
| E29213 | E92115 | 10/28/93 | None | 11/8/93 | Equip. Rinse | META | N |
| E29213 | E92115 | 10/28/93 | None | 11/9/93 | Equip. Rinse | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933000033 **Outfall:** Dup. # 2/Outfall 10 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292041 | 300033 | 10/28/93 | None | 11/12/93 | Duplicate | Alpha-Beta | N |
| 292041 | 300033 | 10/28/93 | None | 10/29/93 | Duplicate | Anions | N |
| 292041 | 300033 | 10/28/93 | None | 11/15/93 | Duplicate | Fluoride | N |
| 292041 | 300033 | 10/28/93 | None | 1/20/94 | Duplicate | Gamma Spec | N |
| 292041 | 300033 | 10/28/93 | None | 11/11/93 | Duplicate | Radium | N |
| 292041 | 300033 | 10/28/93 | None | 11/10/93 | Duplicate | Total U | N |
| E292041 | 300033 | 10/28/93 | None | 11/8/93 | Duplicate | Alkalinity | N |
| E292041 | 300033 | 10/28/93 | None | 11/9/93 | Duplicate | Ammonia-N | N |
| E292041 | 300033 | 10/28/93 | None | 11/16/93 | Duplicate | Oil & Grease | N |
| E292041 | 300033 | 10/28/93 | None | 10/29/93 | Duplicate | TDS | N |
| E292041 | 300033 | 10/28/93 | None | 11/18/93 | Duplicate | TOC | N |
| E292041 | 300033 | 10/28/93 | None | 10/29/93 | Duplicate | TSS | N |
| D29241 | D00033 | 10/28/93 | None | 11/2/93 | Duplicate | METAD | N |
| D29241 | D00033 | 10/28/93 | None | 11/3/93 | Duplicate | METID | N |
| E29241 | E00033 | 10/28/93 | None | 11/2/93 | Duplicate | META | N |
| E29241 | E00033 | 10/28/93 | None | 11/3/93 | Duplicate | METI | N |

**ELIMS Number:** E933000034 **Outfall:** Dup. # 3/Outfall 55 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292057 | 300034 | 10/28/93 | None | 11/15/93 | Duplicate | Alpha-Beta | N |
| 292057 | 300034 | 10/28/93 | None | 10/29/93 | Duplicate | Anions | N |
| 292057 | 300034 | 10/28/93 | None | 11/3/93 | Duplicate | Fluoride | N |
| 292057 | 300034 | 10/28/93 | None | 11/16/93 | Duplicate | Gamma Spec | N |
| 292057 | 300034 | 10/28/93 | None | 11/16/93 | Duplicate | Radium | N |
| 292057 | 300034 | 10/28/93 | None | 11/13/93 | Duplicate | Total U | N |
| E292057 | 300034 | 10/28/93 | None | 11/9/93 | Duplicate | Alkalinity | N |
| E292057 | 300034 | 10/28/93 | None | 11/14/93 | Duplicate | Ammonia-N | N |
| E292057 | 300034 | 10/28/93 | None | 11/19/93 | Duplicate | Oil & Grease | N |
| E292057 | 300034 | 10/28/93 | None | 10/29/93 | Duplicate | TDS | N |
| E292057 | 300034 | 10/28/93 | None | 11/18/93 | Duplicate | TOC | N |
| E292057 | 300034 | 10/28/93 | None | 10/29/93 | Duplicate | TSS | N |
| D292057 | D00034 | 10/28/93 | None | 11/5/93 | Duplicate | METAD | N |
| D292057 | D00034 | 10/28/93 | None | 11/8/93 | Duplicate | METID | N |
| E292057 | E00034 | 10/28/93 | None | 11/5/93 | Duplicate | META | N |
| E292057 | E00034 | 10/28/93 | None | 11/5/93 | Duplicate | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933020059 **Outfall:** Dup. # 4/Outfall 71 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292189 | 302059 | 10/29/93 | None | 11/9/93 | Duplicate | Alpha-Beta | N |
| 292189 | 302059 | 10/29/93 | None | 10/29/93 | Duplicate | Anions | N |
| 292189 | 302059 | 10/29/93 | None | 11/9/93 | Duplicate | Fluoride | N |
| 292189 | 302059 | 10/29/93 | None | 11/12/93 | Duplicate | Gamma Spec | N |
| 292189 | 302059 | 10/29/93 | None | 11/5/93 | Duplicate | Radium | N |
| 292189 | 302059 | 10/29/93 | None | 11/18/93 | Duplicate | Total U | N |
| D292189 | D02059 | 10/29/93 | None | 11/5/93 | Duplicate | METAD | N |
| D292189 | D02059 | 10/29/93 | None | 11/12/93 | Duplicate | METID | N |
| E292189 | E02059 | 10/29/93 | None | 11/5/93 | Duplicate | META | N |
| E292189 | E02059 | 10/29/93 | None | 11/15/93 | Duplicate | METI | N |

**ELIMS Number:** E932920030 **Outfall:** Dup. # 1/Outfall 128 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292030 | 10/29/93 | None | 11/3/93 | Duplicate | Alpha-Beta | N |
| 292015 | 292030 | 10/29/93 | None | 10/29/93 | Duplicate | Anions | N |
| 292015 | 292030 | 10/29/93 | None | 10/29/93 | Duplicate | CR6 | N |
| 292015 | 292030 | 10/29/93 | None | 11/10/93 | Duplicate | Fluoride | N |
| 292015 | 292030 | 10/29/93 | None | 11/10/93 | Duplicate | Gamma Spec | N |
| 292015 | 292030 | 10/29/93 | 11/4/93 | 12/6/93 | Duplicate | PCB/Pesticides | N |
| 292015 | 292030 | 10/29/93 | None | 11/3/93 | Duplicate | Radium | N |
| 292015 | 292030 | 10/29/93 | 11/1/93 | 11/24/93 | Duplicate | Semivolatiles | N |
| 292015 | 292030 | 10/29/93 | None | 11/11/93 | Duplicate | Total U | N |
| 292015 | 292030 | 10/29/93 | None | 11/5/93 | Duplicate | Volatiles | N |
| E292015 | 292030 | 10/29/93 | None | 11/11/93 | Duplicate | Alkalinity | N |
| E292015 | 292030 | 10/29/93 | None | 11/22/93 | Duplicate | Ammonia-N | N |
| E292015 | 292030 | 10/29/93 | None | 10/30/93 | Duplicate | BOD | N |
| E292015 | 292030 | 10/29/93 | None | 11/18/93 | Duplicate | COD | N |
| E292015 | 292030 | 10/29/93 | None | 11/18/93 | Duplicate | Oil & Grease | N |
| E292015 | 292030 | 10/29/93 | None | 11/1/93 | Duplicate | TDS | N |
| E292015 | 292030 | 10/29/93 | None | 11/18/93 | Duplicate | TOC | N |
| E292015 | 292030 | 10/29/93 | None | 11/1/93 | Duplicate | TSS | N |
| D292015 | D92030 | 10/29/93 | None | 11/10/93 | Duplicate | METID | N |
| D29215 | D92030 | 10/29/93 | None | 11/8/93 | Duplicate | METAD | N |
| E29215 | E92030 | 10/29/93 | None | 11/8/93 | Duplicate | META | N |
| E92015 | E92030 | 10/29/93 | None | 11/11/93 | Duplicate | METI | N |

### Trip Blanks

**ELIMS Number:** E932920260 **Outfall:** Outfall 128 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292260 | 10/28/93 | None | 11/4/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 1
### Trip Blanks

**ELIMS Number:** E932920261 **Outfall:** Outfall 133 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292261 | 10/28/93 | None | 11/4/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932920262 **Outfall:** Outfall 135 **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292262 | 10/28/93 | None | 11/4/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E932920256 **Outfall:** Station 8 PM **Event Name:** Event 3, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 292015 | 292256 | 10/28/93 | None | 11/4/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080190 **Outfall:** Outfall 150 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080190 | 11/11/93 | 11/15/93 | 12/7/93 | Surface Water | PCB/Pesticides | N |
| D00069 | E933080190 | 11/11/93 | None | 11/17/93 | Surface Water | METAD | N |
| D00069 | E933080190 | 11/11/93 | None | 11/22/93 | Surface Water | METID | N |
| E00069 | E933080190 | 11/11/93 | None | 11/23/93 | Surface Water | Alkalinity | N |
| E00069 | E933080190 | 11/11/93 | None | 12/14/93 | Surface Water | Alpha-Beta | N |
| E00069 | E933080190 | 11/11/93 | None | 11/30/93 | Surface Water | Ammonia-N | N |
| E00069 | E933080190 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00069 | E933080190 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00069 | E933080190 | 11/11/93 | None | 12/1/93 | Surface Water | COD | N |
| E00069 | E933080190 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00069 | E933080190 | 11/11/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| E00069 | E933080190 | 11/11/93 | None | 12/15/93 | Surface Water | Gamma Spec | N |
| E00069 | E933080190 | 11/11/93 | None | 11/17/93 | Surface Water | META | N |
| E00069 | E933080190 | 11/11/93 | None | 11/19/93 | Surface Water | METI | N |
| E00069 | E933080190 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00069 | E933080190 | 11/11/93 | None | 11/24/93 | Surface Water | Radium | N |
| E00069 | E933080190 | 11/11/93 | None | 1/7/94 | Surface Water | Radium | N |
| E00069 | E933080190 | 11/11/93 | 11/15/93 | 12/4/93 | Surface Water | Semivolatiles | N |
| E00069 | E933080190 | 11/11/93 | None | 11/14/93 | Surface Water | TDS | N |
| E00069 | E933080190 | 11/11/93 | None | 11/19/93 | Surface Water | TOC | N |
| E00069 | E933080190 | 11/11/93 | None | 11/14/93 | Surface Water | TSS | N |
| E00069 | E933080190 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00069 | E933080190 | 11/11/93 | None | 11/16/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080191 **Outfall:** Outfall 160 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080191 | 11/11/93 | 11/15/93 | 12/7/93 | Surface Water | PCB/Pesticides | N |
| D00069 | E933080191 | 11/11/93 | None | 11/17/93 | Surface Water | METAD | N |
| D00069 | E933080191 | 11/11/93 | None | 11/22/93 | Surface Water | METID | N |
| E00069 | E933080191 | 11/11/93 | None | 11/23/93 | Surface Water | Alkalinity | N |
| E00069 | E933080191 | 11/11/93 | None | 12/14/93 | Surface Water | Alpha-Beta | N |
| E00069 | E933080191 | 11/11/93 | None | 11/30/93 | Surface Water | Ammonia-N | N |
| E00069 | E933080191 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00069 | E933080191 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00069 | E933080191 | 11/11/93 | None | 12/1/93 | Surface Water | COD | N |
| E00069 | E933080191 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00069 | E933080191 | 11/11/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| E00069 | E933080191 | 11/11/93 | None | 12/16/93 | Surface Water | Gamma Spec | N |
| E00069 | E933080191 | 11/11/93 | None | 11/17/93 | Surface Water | META | N |
| E00069 | E933080191 | 11/11/93 | None | 11/19/93 | Surface Water | METI | N |
| E00069 | E933080191 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00069 | E933080191 | 11/11/93 | None | 11/24/93 | Surface Water | Radium | N |
| E00069 | E933080191 | 11/11/93 | None | 1/7/94 | Surface Water | Radium | N |
| E00069 | E933080191 | 11/11/93 | 11/15/93 | 12/4/93 | Surface Water | Semivolatiles | N |
| E00069 | E933080191 | 11/11/93 | None | 11/14/93 | Surface Water | TDS | N |
| E00069 | E933080191 | 11/11/93 | None | 11/19/93 | Surface Water | TOC | N |
| E00069 | E933080191 | 11/11/93 | None | 11/14/93 | Surface Water | TSS | N |
| E00069 | E933080191 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00069 | E933080191 | 11/11/93 | None | 11/16/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080192 **Outfall:** Outfall 163 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080192 | 11/11/93 | 11/15/93 | 12/7/93 | Surface Water | PCB/Pesticides | N |
| D00069 | E933080192 | 11/11/93 | None | 11/17/93 | Surface Water | METAD | N |
| D00069 | E933080192 | 11/11/93 | None | 11/22/93 | Surface Water | METID | N |
| E00069 | E933080192 | 11/11/93 | None | 11/23/93 | Surface Water | Alkalinity | N |
| E00069 | E933080192 | 11/11/93 | None | 12/14/93 | Surface Water | Alpha-Beta | N |
| E00069 | E933080192 | 11/11/93 | None | 11/30/93 | Surface Water | Ammonia-N | N |
| E00069 | E933080192 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00069 | E933080192 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00069 | E933080192 | 11/11/93 | None | 12/1/93 | Surface Water | COD | N |
| E00069 | E933080192 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00069 | E933080192 | 11/11/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| E00069 | E933080192 | 11/11/93 | None | 12/16/93 | Surface Water | Gamma Spec | N |
| E00069 | E933080192 | 11/11/93 | None | 11/17/93 | Surface Water | META | N |
| E00069 | E933080192 | 11/11/93 | None | 11/19/93 | Surface Water | METI | N |
| E00069 | E933080192 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00069 | E933080192 | 11/11/93 | None | 11/24/93 | Surface Water | Radium | N |
| E00069 | E933080192 | 11/11/93 | None | 1/7/94 | Surface Water | Radium | N |
| E00069 | E933080192 | 11/11/93 | 11/15/93 | 12/4/93 | Surface Water | Semivolatiles | N |
| E00069 | E933080192 | 11/11/93 | None | 11/14/93 | Surface Water | TDS | N |
| E00069 | E933080192 | 11/11/93 | None | 11/19/93 | Surface Water | TOC | N |
| E00069 | E933080192 | 11/11/93 | None | 11/14/93 | Surface Water | TSS | N |
| E00069 | E933080192 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00069 | E933080192 | 11/11/93 | None | 11/16/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080193 **Outfall:** Outfall 169 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080193 | 11/11/93 | 11/15/93 | 12/7/93 | Surface Water | PCB/Pesticides | N |
| D00050 | E933080193 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00069 | E933080193 | 11/11/93 | None | 11/19/93 | Surface Water | METAD | N |
| D00069 | E933080193 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| D00069 | E933080193 | 11/11/93 | None | 11/19/93 | Surface Water | METID | N |
| E00069 | E933080193 | 11/11/93 | None | 11/23/93 | Surface Water | Alkalinity | N |
| E00069 | E933080193 | 11/11/93 | None | 12/14/93 | Surface Water | Alpha-Beta | N |
| E00069 | E933080193 | 11/11/93 | None | 11/30/93 | Surface Water | Ammonia-N | N |
| E00069 | E933080193 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00069 | E933080193 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00069 | E933080193 | 11/11/93 | None | 12/1/93 | Surface Water | COD | N |
| E00069 | E933080193 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00069 | E933080193 | 11/11/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| E00069 | E933080193 | 11/11/93 | None | 1/19/94 | Surface Water | Gamma Spec | N |
| E00069 | E933080193 | 11/11/93 | None | 11/17/93 | Surface Water | META | N |
| E00069 | E933080193 | 11/11/93 | None | 11/17/93 | Surface Water | METI | N |
| E00069 | E933080193 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00069 | E933080193 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00069 | E933080193 | 11/11/93 | None | 11/24/93 | Surface Water | Radium | N |
| E00069 | E933080193 | 11/11/93 | 11/15/93 | 12/4/93 | Surface Water | Semivolatiles | N |
| E00069 | E933080193 | 11/11/93 | None | 11/14/93 | Surface Water | TDS | N |
| E00069 | E933080193 | 11/11/93 | None | 11/19/93 | Surface Water | TOC | N |
| E00069 | E933080193 | 11/11/93 | None | 11/14/93 | Surface Water | TSS | N |
| E00069 | E933080193 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00069 | E933080193 | 11/11/93 | None | 11/16/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080194 **Outfall:** Outfall 179 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0005A | E933080194 | 11/11/93 | 11/15/93 | 12/6/93 | Surface Water | PCB/Pesticides | N |
| D00050 | E933080194 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080194 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080194 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080194 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080194 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080194 | 11/11/93 | None | 11/11/93 | Surface Water | Anions | N |
| E00050 | E933080194 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080194 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080194 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080194 | 11/11/93 | None | 11/15/93 | Surface Water | Fluoride | N |
| E00050 | E933080194 | 11/11/93 | None | 1/20/94 | Surface Water | Gamma Spec | N |
| E00050 | E933080194 | 11/11/93 | None | 11/12/93 | Surface Water | META | N |
| E00050 | E933080194 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080194 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080194 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080194 | 11/11/93 | 11/17/93 | 12/7/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080194 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080194 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080194 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080194 | 11/11/93 | None | 12/7/93 | Surface Water | Total U | N |
| E00050 | E933080194 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080196 **Outfall:** Outfall 189 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080196 | 11/11/93 | 11/15/93 | 12/23/93 | Surface Water | PCB/Pesticides | Y |
| D00050 | E933080196 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080196 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080196 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080196 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080196 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080196 | 11/11/93 | None | 11/11/93 | Surface Water | Anions | N |
| E00050 | E933080196 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080196 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080196 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080196 | 11/11/93 | None | 11/16/93 | Surface Water | Fluoride | N |
| E00050 | E933080196 | 11/11/93 | None | 1/19/94 | Surface Water | Gamma Spec | N |
| E00050 | E933080196 | 11/11/93 | None | 11/12/93 | Surface Water | META | N |
| E00050 | E933080196 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080196 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080196 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080196 | 11/11/93 | 11/17/93 | 12/7/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080196 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080196 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080196 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080196 | 11/11/93 | None | 12/7/93 | Surface Water | Total U | N |
| E00050 | E933080196 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080197 **Outfall:** Outfall 190 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080197 | 11/11/93 | 11/15/93 | 12/23/93 | Surface Water | PCB/Pesticides | Y |
| D00050 | E933080197 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080197 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080197 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080197 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080197 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080197 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00050 | E933080197 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080197 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080197 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080197 | 11/11/93 | None | 11/16/93 | Surface Water | Fluoride | N |
| E00050 | E933080197 | 11/11/93 | None | 12/2/93 | Surface Water | Gamma Spec | N |
| E00050 | E933080197 | 11/11/93 | None | 11/12/93 | Surface Water | META | N |
| E00050 | E933080197 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080197 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080197 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080197 | 11/11/93 | 11/17/93 | 12/8/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080197 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080197 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080197 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080197 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00050 | E933080197 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080188 **Outfall:** N/S Pipe AM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080188 | 11/11/93 | 11/15/93 | 12/23/93 | Surface Water | PCB/Pesticides | Y |
| D00050 | E933080188 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080188 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080188 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080188 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080188 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080188 | 11/11/93 | None | 11/11/93 | Surface Water | Anions | N |
| E00050 | E933080188 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080188 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080188 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080188 | 11/11/93 | None | 11/15/93 | Surface Water | Fluoride | N |
| E00050 | E933080188 | 11/11/93 | None | 12/15/93 | Surface Water | Gamma Spec | N |
| E00050 | E933080188 | 11/11/93 | None | 11/12/93 | Surface Water | META | N |
| E00050 | E933080188 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080188 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080188 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080188 | 11/11/93 | 11/17/93 | 12/6/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080188 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080188 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080188 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080188 | 11/11/93 | None | 12/7/93 | Surface Water | Total U | N |
| E00050 | E933080188 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080198 **Outfall:** Western Line **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080198 | 11/11/93 | 11/15/93 | 12/23/93 | Surface Water | PCB/Pesticides | Y |
| D00050 | E933080198 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080198 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080198 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080198 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080198 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080198 | 11/11/93 | None | 11/11/93 | Surface Water | Anions | N |
| E00050 | E933080198 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080198 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080198 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080198 | 11/11/93 | None | 11/16/93 | Surface Water | Fluoride | N |
| E00050 | E933080198 | 11/11/93 | None | 12/2/93 | Surface Water | Gamma Spec | N |
| E00050 | E933080198 | 11/11/93 | None | 11/12/93 | Surface Water | META | N |
| E00050 | E933080198 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080198 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080198 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080198 | 11/11/93 | 11/17/93 | 12/8/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080198 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080198 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080198 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080198 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00050 | E933080198 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080195 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 3. Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0005A | E933080195 | 11/11/93 | 11/15/93 | 12/6/93 | Surface Water | PCB/Pesticides | N |
| D00050 | E933080195 | 11/11/93 | None | 11/12/93 | Surface Water | METAD | N |
| D00050 | E933080195 | 11/11/93 | None | 11/18/93 | Surface Water | METID | N |
| E00050 | E933080195 | 11/11/93 | None | 11/22/93 | Surface Water | Alkalinity | N |
| E00050 | E933080195 | 11/11/93 | None | 12/16/93 | Surface Water | Alpha-Beta | N |
| E00050 | E933080195 | 11/11/93 | None | 11/29/93 | Surface Water | Ammonia-N | N |
| E00050 | E933080195 | 11/11/93 | None | 11/11/93 | Surface Water | Anions | N |
| E00050 | E933080195 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00050 | E933080195 | 11/11/93 | None | 11/29/93 | Surface Water | COD | N |
| E00050 | E933080195 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00050 | E933080195 | 11/11/93 | None | 11/15/93 | Surface Water | Fluoride | N |
| E00050 | E933080195 | 11/11/93 | None | 1/20/94 | Surface Water | Gamma Spec | N |
| E00050 | E933080195 | 11/11/93 | None | 11/12/93 | Surface Water | METAA | N |
| E00050 | E933080195 | 11/11/93 | None | 11/18/93 | Surface Water | METI | N |
| E00050 | E933080195 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00050 | E933080195 | 11/11/93 | None | 11/23/93 | Surface Water | Radium | N |
| E00050 | E933080195 | 11/11/93 | 11/17/93 | 12/7/93 | Surface Water | Semivolatiles | N |
| E00050 | E933080195 | 11/11/93 | None | 11/15/93 | Surface Water | TDS | N |
| E00050 | E933080195 | 11/11/93 | None | 11/18/93 | Surface Water | TOC | N |
| E00050 | E933080195 | 11/11/93 | None | 11/15/93 | Surface Water | TSS | N |
| E00050 | E933080195 | 11/11/93 | None | 12/7/93 | Surface Water | Total U | N |
| E00050 | E933080195 | 11/11/93 | None | 11/17/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

METAA = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Regular Samples

**ELIMS Number:** E933080189 **Outfall:** N/S Pipe PM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080189 | 11/11/93 | 11/15/93 | 12/7/93 | Surface Water | PCB/Pesticides | N |
| D00069 | E933080189 | 11/11/93 | None | 11/17/93 | Surface Water | METAD | N |
| D00069 | E933080189 | 11/11/93 | None | 11/22/93 | Surface Water | METID | N |
| E00069 | E933080189 | 11/11/93 | None | 11/23/93 | Surface Water | Alkalinity | N |
| E00069 | E933080189 | 11/11/93 | None | 12/14/93 | Surface Water | Alpha-Beta | N |
| E00069 | E933080189 | 11/11/93 | None | 11/30/93 | Surface Water | Ammonia-N | N |
| E00069 | E933080189 | 11/11/93 | None | 11/12/93 | Surface Water | Anions | N |
| E00069 | E933080189 | 11/11/93 | None | 11/12/93 | Surface Water | BOD | N |
| E00069 | E933080189 | 11/11/93 | None | 12/1/93 | Surface Water | COD | N |
| E00069 | E933080189 | 11/11/93 | None | 11/12/93 | Surface Water | CR6 | N |
| E00069 | E933080189 | 11/11/93 | None | 11/11/93 | Surface Water | Fluoride | N |
| E00069 | E933080189 | 11/11/93 | None | 12/15/93 | Surface Water | Gamma Spec | N |
| E00069 | E933080189 | 11/11/93 | None | 11/17/93 | Surface Water | META | N |
| E00069 | E933080189 | 11/11/93 | None | 11/19/93 | Surface Water | METI | N |
| E00069 | E933080189 | 11/11/93 | None | 12/1/93 | Surface Water | Oil & Grease | N |
| E00069 | E933080189 | 11/11/93 | None | 11/24/93 | Surface Water | Radium | N |
| E00069 | E933080189 | 11/11/93 | None | 1/7/94 | Surface Water | Radium | N |
| E00069 | E933080189 | 11/11/93 | 11/15/93 | 12/4/93 | Surface Water | Semivolatiles | N |
| E00069 | E933080189 | 11/11/93 | None | 11/14/93 | Surface Water | TDS | N |
| E00069 | E933080189 | 11/11/93 | None | 11/19/93 | Surface Water | TOC | N |
| E00069 | E933080189 | 11/11/93 | None | 11/14/93 | Surface Water | TSS | N |
| E00069 | E933080189 | 11/11/93 | None | 12/8/93 | Surface Water | Total U | N |
| E00069 | E933080189 | 11/11/93 | None | 11/16/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933080202 **Outfall:** Field Blank **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080202 | 11/11/93 | 11/15/93 | 12/23/93 | Field Blank | PCB/Pesticides | Y |
| D00050 | E933080202 | 11/11/93 | None | 11/12/93 | Field Blank | METAD | N |
| D00050 | E933080202 | 11/11/93 | None | 11/18/93 | Field Blank | METID | N |
| E00050 | E933080202 | 11/11/93 | None | 11/22/93 | Field Blank | Alkalinity | N |
| E00050 | E933080202 | 11/11/93 | None | 12/16/93 | Field Blank | Alpha-Beta | N |
| E00050 | E933080202 | 11/11/93 | None | 11/29/93 | Field Blank | Ammonia-N | N |
| E00050 | E933080202 | 11/11/93 | None | 11/11/93 | Field Blank | Anions | N |
| E00050 | E933080202 | 11/11/93 | None | 11/12/93 | Field Blank | BOD | N |
| E00050 | E933080202 | 11/11/93 | None | 11/29/93 | Field Blank | COD | N |
| E00050 | E933080202 | 11/11/93 | None | 11/12/93 | Field Blank | CR6 | N |
| E00050 | E933080202 | 11/11/93 | None | 11/18/93 | Field Blank | Fluoride | N |
| E00050 | E933080202 | 11/11/93 | None | 11/29/93 | Field Blank | Gamma Spec | N |
| E00050 | E933080202 | 11/11/93 | None | 11/12/93 | Field Blank | META | N |
| E00050 | E933080202 | 11/11/93 | None | 11/18/93 | Field Blank | METI | N |
| E00050 | E933080202 | 11/11/93 | None | 12/1/93 | Field Blank | Oil & Grease | N |
| E00050 | E933080202 | 11/11/93 | None | 11/23/93 | Field Blank | Radium | N |
| E00050 | E933080202 | 11/11/93 | 11/17/93 | 12/7/93 | Field Blank | Semivolatiles | N |
| E00050 | E933080202 | 11/11/93 | None | 11/15/93 | Field Blank | TDS | N |
| E00050 | E933080202 | 11/11/93 | None | 11/18/93 | Field Blank | TOC | N |
| E00050 | E933080202 | 11/11/93 | None | 11/15/93 | Field Blank | TSS | N |
| E00050 | E933080202 | 11/11/93 | None | 12/8/93 | Field Blank | Total U | N |
| E00050 | E933080202 | 11/11/93 | None | 11/17/93 | Field Blank | Volatiles | N |

**ELIMS Number:** E933100093 **Outfall:** Field Lab Rinseate **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D00050 | E933100093 | 11/11/93 | None | 11/12/93 | Mobile Lab Blank | METAD | N |
| D00050 | E933100093 | 11/11/93 | None | 11/18/93 | Mobile Lab Blank | METID | N |
| E00050 | E933100093 | 11/11/93 | None | 11/12/93 | Mobile Lab Blank | Anions | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933080201 **Outfall:** Equip. Rinse **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080201 | 11/11/93 | 11/15/93 | 12/23/93 | Equip. Rinse | PCB/Pesticides | Y |
| D00050 | E933080201 | 11/11/93 | None | 11/12/93 | Equip. Rinse | METAD | N |
| D00050 | E933080201 | 11/11/93 | None | 11/18/93 | Equip. Rinse | METID | N |
| E00050 | E933080201 | 11/11/93 | None | 11/22/93 | Equip. Rinse | Alkalinity | N |
| E00050 | E933080201 | 11/11/93 | None | 12/16/93 | Equip. Rinse | Alpha-Beta | N |
| E00050 | E933080201 | 11/11/93 | None | 11/29/93 | Equip. Rinse | Ammonia-N | N |
| E00050 | E933080201 | 11/11/93 | None | 11/11/93 | Equip. Rinse | Anions | N |
| E00050 | E933080201 | 11/11/93 | None | 11/12/93 | Equip. Rinse | BOD | N |
| E00050 | E933080201 | 11/11/93 | None | 11/29/93 | Equip. Rinse | COD | N |
| E00050 | E933080201 | 11/11/93 | None | 11/12/93 | Equip. Rinse | CR6 | N |
| E00050 | E933080201 | 11/11/93 | None | 11/16/93 | Equip. Rinse | Fluoride | N |
| E00050 | E933080201 | 11/11/93 | None | 12/13/93 | Equip. Rinse | Gamma Spec | N |
| E00050 | E933080201 | 11/11/93 | None | 11/12/93 | Equip. Rinse | META | N |
| E00050 | E933080201 | 11/11/93 | None | 11/18/93 | Equip. Rinse | METI | N |
| E00050 | E933080201 | 11/11/93 | None | 12/1/93 | Equip. Rinse | Oil & Grease | N |
| E00050 | E933080201 | 11/11/93 | None | 11/23/93 | Equip. Rinse | Radium | N |
| E00050 | E933080201 | 11/11/93 | 11/17/93 | 12/7/93 | Equip. Rinse | Semivolatiles | N |
| E00050 | E933080201 | 11/11/93 | None | 11/15/93 | Equip. Rinse | TDS | N |
| E00050 | E933080201 | 11/11/93 | None | 11/18/93 | Equip. Rinse | TOC | N |
| E00050 | E933080201 | 11/11/93 | None | 11/15/93 | Equip. Rinse | TSS | N |
| E00050 | E933080201 | 11/11/93 | None | 12/8/93 | Equip. Rinse | Total U | N |
| E00050 | E933080201 | 11/11/93 | None | 11/17/93 | Equip. Rinse | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933080200 **Outfall:** Dup. # 2/Outfall 163 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 0069B | E933080200 | 11/11/93 | 11/15/93 | 12/7/93 | Duplicate | PCB/Pesticides | N |
| D00069 | E933080200 | 11/11/93 | None | 11/17/93 | Duplicate | METAD | N |
| D00069 | E933080200 | 11/11/93 | None | 11/22/93 | Duplicate | METID | N |
| E00069 | E933080200 | 11/11/93 | None | 11/23/93 | Duplicate | Alkalinity | N |
| E00069 | E933080200 | 11/11/93 | None | 12/14/93 | Duplicate | Alpha-Beta | N |
| E00069 | E933080200 | 11/11/93 | None | 11/30/93 | Duplicate | Ammonia-N | N |
| E00069 | E933080200 | 11/11/93 | None | 11/12/93 | Duplicate | Anions | N |
| E00069 | E933080200 | 11/11/93 | None | 11/12/93 | Duplicate | BOD | N |
| E00069 | E933080200 | 11/11/93 | None | 12/1/93 | Duplicate | COD | N |
| E00069 | E933080200 | 11/11/93 | None | 11/12/93 | Duplicate | CR6 | N |
| E00069 | E933080200 | 11/11/93 | None | 11/17/93 | Duplicate | Fluoride | N |
| E00069 | E933080200 | 11/11/93 | None | 12/1/93 | Duplicate | Gamma Spec | N |
| E00069 | E933080200 | 11/11/93 | None | 11/17/93 | Duplicate | META | N |
| E00069 | E933080200 | 11/11/93 | None | 11/19/93 | Duplicate | METI | N |
| E00069 | E933080200 | 11/11/93 | None | 12/1/93 | Duplicate | Oil & Grease | N |
| E00069 | E933080200 | 11/11/93 | None | 11/24/93 | Duplicate | Radium | N |
| E00069 | E933080200 | 11/11/93 | None | 1/7/94 | Duplicate | Radium | N |
| E00069 | E933080200 | 11/11/93 | 11/15/93 | 12/4/93 | Duplicate | Semivolatiles | N |
| E00069 | E933080200 | 11/11/93 | None | 11/14/93 | Duplicate | TDS | N |
| E00069 | E933080200 | 11/11/93 | None | 11/19/93 | Duplicate | TOC | N |
| E00069 | E933080200 | 11/11/93 | None | 11/14/93 | Duplicate | TSS | N |
| E00069 | E933080200 | 11/11/93 | None | 12/8/93 | Duplicate | Total U | N |
| E00069 | E933080200 | 11/11/93 | None | 11/16/93 | Duplicate | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933080199 **Outfall:** Dup. # 1-N/S Pipe AM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| 00050 | E933080199 | 11/11/93 | 11/15/93 | 12/23/93 | Duplicate | PCB/Pesticides | Y |
| D00050 | E933080199 | 11/11/93 | None | 11/12/93 | Duplicate | METAD | N |
| D00050 | E933080199 | 11/11/93 | None | 11/18/93 | Duplicate | METID | N |
| E00050 | E933080199 | 11/11/93 | None | 11/22/93 | Duplicate | Alkalinity | N |
| E00050 | E933080199 | 11/11/93 | None | 12/16/93 | Duplicate | Alpha-Beta | N |
| E00050 | E933080199 | 11/11/93 | None | 11/29/93 | Duplicate | Ammonia-N | N |
| E00050 | E933080199 | 11/11/93 | None | 11/11/93 | Duplicate | Anions | N |
| E00050 | E933080199 | 11/11/93 | None | 11/12/93 | Duplicate | BOD | N |
| E00050 | E933080199 | 11/11/93 | None | 11/29/93 | Duplicate | COD | N |
| E00050 | E933080199 | 11/11/93 | None | 11/12/93 | Duplicate | CR6 | N |
| E00050 | E933080199 | 11/11/93 | None | 11/18/93 | Duplicate | Fluoride | N |
| E00050 | E933080199 | 11/11/93 | None | 11/30/93 | Duplicate | Gamma Spec | N |
| E00050 | E933080199 | 11/11/93 | None | 11/12/93 | Duplicate | META | N |
| E00050 | E933080199 | 11/11/93 | None | 11/18/93 | Duplicate | METI | N |
| E00050 | E933080199 | 11/11/93 | None | 12/1/93 | Duplicate | Oil & Grease | N |
| E00050 | E933080199 | 11/11/93 | None | 11/23/93 | Duplicate | Radium | N |
| E00050 | E933080199 | 11/11/93 | 11/17/93 | 12/7/93 | Duplicate | Semivolatiles | N |
| E00050 | E933080199 | 11/11/93 | None | 11/15/93 | Duplicate | TDS | N |
| E00050 | E933080199 | 11/11/93 | None | 11/18/93 | Duplicate | TOC | N |
| E00050 | E933080199 | 11/11/93 | None | 11/15/93 | Duplicate | TSS | N |
| E00050 | E933080199 | 11/11/93 | None | 12/8/93 | Duplicate | Total U | N |
| E00050 | E933080199 | 11/11/93 | None | 11/17/93 | Duplicate | Volatiles | N |

### Trip Blanks

**ELIMS Number:** E933100097 **Outfall:** TB for FB **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933100097 | 11/11/93 | None | 11/17/93 | TB for FB | Volatiles | N |

**ELIMS Number:** E933100096 **Outfall:** TB of ER **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933100096 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933100095 **Outfall:** Dup. # 2/Outfall 163 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933100095 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Trip Blanks

**ELIMS Number:** E933080205 **Outfall:** Outfall 150 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933080205 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080206 **Outfall:** Outfall 160 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933080206 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080207 **Outfall:** Outfall 163 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933080207 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080208 **Outfall:** Outfall 169 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933080208 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080209 **Outfall:** Outfall 179 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080209 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080211 **Outfall:** Outfall 189 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080211 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 3, Part 2
### Trip Blanks

**ELIMS Number:** E933080212 **Outfall:** Outfall 190 **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080212 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080203 **Outfall:** N/S Pipe AM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080203 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933100094 **Outfall:** Dup. # 1-N/S Pipe AM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933100094 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080213 **Outfall:** Western Line **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080213 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080210 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00050 | E933080210 | 11/11/93 | None | 11/17/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933080204 **Outfall:** N/S Pipe PM **Event Name:** Event 3, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00069 | E933080204 | 11/11/93 | None | 11/16/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200178 **Outfall:** Outfall 2 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200178 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200178 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200178 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320178 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320178 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320178 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320178 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320178 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320178 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200178 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200178 | 12/7/93 | None | 12/7/93 | Surface Water | Anions | N |
| E00084 | E933200178 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200178 | 12/7/93 | None | 1/26/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200178 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200178 | 12/7/93 | None | 12/13/93 | Surface Water | Radium | N |
| T00084 | E933200178 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

**ELIMS Number:** E933200179 **Outfall:** Outfall 10 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200179 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200179 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200179 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320179 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320179 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320179 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320179 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320179 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320179 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200179 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200179 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200179 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200179 | 12/7/93 | None | 1/26/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200179 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200179 | 12/7/93 | None | 12/13/93 | Surface Water | Radium | N |
| T00084 | E933200179 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200180 **Outfall:** Outfall 14 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200180 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200180 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200180 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320180 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320180 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320180 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320180 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320180 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320180 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200180 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200180 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200180 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200180 | 12/7/93 | None | 1/26/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200180 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200180 | 12/7/93 | None | 12/13/93 | Surface Water | Radium | N |
| T00084 | E933200180 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

**ELIMS Number:** E933200181 **Outfall:** Outfall 17 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200181 | 12/7/93 | None | 12/16/93 | Spring Water | Total U | N |
| D00084 | D933200181 | 12/7/93 | None | 12/8/93 | Spring Water | METID | N |
| U00084 | D933200181 | 12/7/93 | None | 12/13/93 | Spring Water | METAD | N |
| E00084 | E320181 | 12/7/93 | None | 12/20/93 | Spring Water | Alkalinity | N |
| E00084 | E320181 | 12/7/93 | None | 12/31/93 | Spring Water | Ammonia-N | N |
| E00084 | E320181 | 12/7/93 | None | 12/27/93 | Spring Water | Oil & Grease | N |
| E00084 | E320181 | 12/7/93 | None | 12/10/93 | Spring Water | TDS | N |
| E00084 | E320181 | 12/7/93 | None | 12/31/93 | Spring Water | TOC | N |
| E00084 | E320181 | 12/7/93 | None | 12/10/93 | Spring Water | TSS | N |
| E00084 | E933200181 | 12/7/93 | None | 12/18/93 | Spring Water | Alpha-Beta | N |
| E00084 | E933200181 | 12/7/93 | None | 12/8/93 | Spring Water | Anions | N |
| E00084 | E933200181 | 12/7/93 | None | 12/8/93 | Spring Water | Fluoride | N |
| E00084 | E933200181 | 12/7/93 | None | 2/1/94 | Spring Water | Gamma Spec | N |
| E00084 | E933200181 | 12/7/93 | None | 12/8/93 | Spring Water | METI | N |
| E00084 | E933200181 | 12/7/93 | None | 12/13/93 | Spring Water | Radium | N |
| T00084 | E933200181 | 12/7/93 | None | 12/9/93 | Spring Water | META | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200182 **Outfall:** Outfall 21 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200182 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200182 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200182 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320182 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320182 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320182 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320182 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320182 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320182 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200182 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200182 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200182 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200182 | 12/7/93 | None | 1/21/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200182 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200182 | 12/7/93 | None | 12/13/93 | Surface Water | Radium | N |
| T00084 | E933200182 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

**ELIMS Number:** E933410027 **Outfall:** Outfall 33 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3410027 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933410027 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E341027 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E341027 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E341027 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E341027 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E341027 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E341027 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| 00081 | E933410027 | 12/7/93 | 12/10/93 | 12/12/93 | Surface Water | PCB/Pesticides | N |
| E00081 | E933410027 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00081 | E933410027 | 12/7/93 | None | 12/14/93 | Surface Water | Fluoride | N |
| E00081 | E933410027 | 12/7/93 | None | 2/1/94 | Surface Water | Gamma Spec | N |
| E00081 | E933410027 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933410027 | 12/7/93 | 12/7/93 | 12/10/93 | Surface Water | Semivolatiles | N |
| T00081 | E933410027 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933410027 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200183 **Outfall:** Outfall 34 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200183 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200183 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200183 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320183 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320183 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320183 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320183 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320183 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320183 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200183 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200183 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200183 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200183 | 12/7/93 | None | 1/24/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200183 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200183 | 12/7/93 | None | 12/13/93 | Surface Water | Radium | N |
| T00084 | E933200183 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

**ELIMS Number:** E933200184 **Outfall:** Outfall 42 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200184 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200184 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200184 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320184 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320184 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320184 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320184 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320184 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320184 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200184 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200184 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200184 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200184 | 12/7/93 | None | 1/21/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200184 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200184 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| T00084 | E933200184 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200185 **Outfall:** Outfall 47 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320185 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320185 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320185 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320185 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320185 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320185 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200185 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200185 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200185 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00096 | E933200185 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200185 | 12/7/93 | None | 1/21/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200185 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200185 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00096 | E933200185 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200185 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200185 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200186 **Outfall:** Outfall 48 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320186 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320186 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320186 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320186 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320186 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320186 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200186 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200186 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200186 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200186 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200186 | 12/7/93 | None | 1/22/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200186 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200186 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00096 | E933200186 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200186 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200186 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200187 **Outfall:** Outfall 49 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320187 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320187 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320187 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320187 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320187 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320187 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200187 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200187 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200187 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200187 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200187 | 12/7/93 | None | 1/20/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200187 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200187 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00096 | E933200187 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200187 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200187 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200188 **Outfall:** Outfall 51 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200188 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00084 | D933200188 | 12/7/93 | None | 12/8/93 | Surface Water | METID | N |
| U00084 | D933200188 | 12/7/93 | None | 12/13/93 | Surface Water | METAD | N |
| E00084 | E320188 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00084 | E320188 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00084 | E320188 | 12/7/93 | None | 12/27/93 | Surface Water | Oil & Grease | N |
| E00084 | E320188 | 12/7/93 | None | 12/10/93 | Surface Water | TDS | N |
| E00084 | E320188 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00084 | E320188 | 12/7/93 | None | 12/10/93 | Surface Water | TSS | N |
| E00084 | E933200188 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00084 | E933200188 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00084 | E933200188 | 12/7/93 | None | 12/8/93 | Surface Water | Fluoride | N |
| E00084 | E933200188 | 12/7/93 | None | 1/22/94 | Surface Water | Gamma Spec | N |
| E00084 | E933200188 | 12/7/93 | None | 12/8/93 | Surface Water | METI | N |
| E00084 | E933200188 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| T00084 | E933200188 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200189 **Outfall:** Outfall 54 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320189 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320189 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320189 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320189 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320189 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320189 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200189 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200189 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200189 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00096 | E933200189 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200189 | 12/7/93 | None | 1/22/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200189 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200189 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00096 | E933200189 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200189 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200189 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200190 **Outfall:** Outfall 55 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320190 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320190 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320190 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320190 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320190 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320190 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200190 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200190 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200190 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200190 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200190 | 12/7/93 | None | 1/21/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200190 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200190 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00096 | E933200190 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200190 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200190 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200192 **Outfall:** Outfall 67 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320192 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320192 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320192 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320192 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320192 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320192 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200192 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200192 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200192 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200192 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200192 | 12/7/93 | None | 1/22/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200192 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200192 | 12/7/93 | None | 12/30/93 | Surface Water | Radium | N |
| E00096 | E933200192 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200192 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200192 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200193 **Outfall:** Outfall 71 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320193 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320193 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320193 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320193 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320193 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320193 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200193 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200193 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200193 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200193 | 12/7/93 | None | 12/16/93 | Surface Water | Fluoride | N |
| E00096 | E933200193 | 12/7/93 | None | 1/24/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200193 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200193 | 12/7/93 | None | 12/30/93 | Surface Water | Radium | N |
| E00096 | E933200193 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200193 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200193 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200194 **Outfall:** Outfall 87 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320194 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320194 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320194 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320194 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320194 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320194 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200194 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200194 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200194 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200194 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200194 | 12/7/93 | None | 1/27/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200194 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200194 | 12/7/93 | None | 12/30/93 | Surface Water | Radium | N |
| E00096 | E933200194 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200194 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200194 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200195 **Outfall:** Outfall 88 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200195 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933200195 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E320195 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E320195 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E320195 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E320195 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E320195 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E320195 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| E00081 | E933200195 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00081 | E933200195 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00081 | E933200195 | 12/7/93 | None | 12/13/93 | Surface Water | Fluoride | N |
| E00081 | E933200195 | 12/7/93 | None | 1/27/94 | Surface Water | Gamma Spec | N |
| E00081 | E933200195 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933200195 | 12/7/93 | None | 12/21/93 | Surface Water | Radium | N |
| E00081 | E933200195 | 12/7/93 | None | 12/19/93 | Surface Water | Volatiles | N |
| T00081 | E933200195 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933200195 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200197 **Outfall:** Outfall 109 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200197 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933200197 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E320197 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E320197 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E320197 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E320197 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E320197 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E320197 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| E00081 | E933200197 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00081 | E933200197 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00081 | E933200197 | 12/7/93 | None | 12/13/93 | Surface Water | Fluoride | N |
| E00081 | E933200197 | 12/7/93 | None | 1/27/94 | Surface Water | Gamma Spec | N |
| E00081 | E933200197 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933200197 | 12/7/93 | None | 12/21/93 | Surface Water | Radium | N |
| E00081 | E933200197 | 12/7/93 | None | 12/18/93 | Surface Water | Volatiles | N |
| T00081 | E933200197 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933200197 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200199 **Outfall:** Outfall 122 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200199 | 12/7/93 | None | 12/17/93 | Surface Water | Total U | N |
| E00107 | E320199 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00107 | E320199 | 12/7/93 | None | 12/28/93 | Surface Water | Ammonia-N | N |
| E00107 | E320199 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00107 | E320199 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00107 | E320199 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00107 | E320199 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| D00107 | E933200199 | 12/7/93 | None | 12/15/93 | Surface Water | METAD | N |
| D00107 | E933200199 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00107 | E933200199 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00107 | E933200199 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00107 | E933200199 | 12/7/93 | None | 12/10/93 | Surface Water | Fluoride | N |
| E00107 | E933200199 | 12/7/93 | None | 1/28/94 | Surface Water | Gamma Spec | N |
| E00107 | E933200199 | 12/7/93 | None | 12/15/93 | Surface Water | META | N |
| E00107 | E933200199 | 12/7/93 | None | 12/13/93 | Surface Water | METI | N |
| E00107 | E933200199 | 12/7/93 | None | 12/22/93 | Surface Water | Radium | N |
| E00107 | E933200199 | 12/7/93 | None | 12/9/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200200 **Outfall:** Outfall 128 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200200 | 12/7/93 | None | 12/17/93 | Surface Water | Total U | N |
| E00107 | E320200 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00107 | E320200 | 12/7/93 | None | 12/28/93 | Surface Water | Ammonia-N | N |
| E00107 | E320200 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00107 | E320200 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00107 | E320200 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00107 | E320200 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| D00107 | E933200200 | 12/7/93 | None | 12/15/93 | Surface Water | METAD | N |
| D00107 | E933200200 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00107 | E933200200 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00107 | E933200200 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00107 | E933200200 | 12/7/93 | None | 12/10/93 | Surface Water | Fluoride | N |
| E00107 | E933200200 | 12/7/93 | None | 1/31/94 | Surface Water | Gamma Spec | N |
| E00107 | E933200200 | 12/7/93 | None | 12/15/93 | Surface Water | META | N |
| E00107 | E933200200 | 12/7/93 | None | 12/13/93 | Surface Water | METI | N |
| E00107 | E933200200 | 12/7/93 | None | 12/22/93 | Surface Water | Radium | N |

**ELIMS Number:** E933200201 **Outfall:** Outfall 133 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200201 | 12/7/93 | None | 12/17/93 | Surface Water | Total U | N |
| E00107 | E320201 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00107 | E320201 | 12/7/93 | None | 12/28/93 | Surface Water | Ammonia-N | N |
| E00107 | E320201 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00107 | E320201 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00107 | E320201 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00107 | E320201 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| D00107 | E933200201 | 12/7/93 | None | 12/15/93 | Surface Water | METAD | N |
| D00107 | E933200201 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00107 | E933200201 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00107 | E933200201 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00107 | E933200201 | 12/7/93 | None | 12/10/93 | Surface Water | Fluoride | N |
| E00107 | E933200201 | 12/7/93 | None | 1/28/94 | Surface Water | Gamma Spec | N |
| E00107 | E933200201 | 12/7/93 | None | 12/15/93 | Surface Water | META | N |
| E00107 | E933200201 | 12/7/93 | None | 12/13/93 | Surface Water | METI | N |
| E00107 | E933200201 | 12/7/93 | None | 12/22/93 | Surface Water | Radium | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200202 **Outfall:** Outfall 135 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200202 | 12/7/93 | None | 12/17/93 | Surface Water | Total U | N |
| E00107 | E320202 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00107 | E320202 | 12/7/93 | None | 12/28/93 | Surface Water | Ammonia-N | N |
| E00107 | E320202 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00107 | E320202 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00107 | E320202 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00107 | E320202 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| D00107 | E933200202 | 12/7/93 | None | 12/15/93 | Surface Water | METAD | N |
| D00107 | E933200202 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00107 | E933200202 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00107 | E933200202 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00107 | E933200202 | 12/7/93 | None | 12/10/93 | Surface Water | Fluoride | N |
| E00107 | E933200202 | 12/7/93 | None | 1/29/94 | Surface Water | Gamma Spec | N |
| E00107 | E933200202 | 12/7/93 | None | 12/15/93 | Surface Water | META | N |
| E00107 | E933200202 | 12/7/93 | None | 12/13/93 | Surface Water | METI | N |
| E00107 | E933200202 | 12/7/93 | None | 12/22/93 | Surface Water | Radium | N |

**ELIMS Number:** E933200177 **Outfall:** N/S Pipe AM **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200177 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933200177 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E320177 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E320177 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E320177 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E320177 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E320177 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E320177 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| E00081 | E933200177 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00081 | E933200177 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00081 | E933200177 | 12/7/93 | None | 12/13/93 | Surface Water | Fluoride | N |
| E00081 | E933200177 | 12/7/93 | None | 1/26/94 | Surface Water | Gamma Spec | N |
| E00081 | E933200177 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933200177 | 12/7/93 | None | 12/17/93 | Surface Water | Radium | N |
| E00081 | E933200177 | 12/7/93 | None | 12/18/93 | Surface Water | Volatiles | N |
| T00081 | E933200177 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933200177 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200191 **Outfall:** Station 8 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00096 | E320191 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00096 | E320191 | 12/7/93 | None | 12/31/93 | Surface Water | Ammonia-N | N |
| E00096 | E320191 | 12/7/93 | None | 1/3/94 | Surface Water | Oil & Grease | N |
| E00096 | E320191 | 12/7/93 | None | 12/12/93 | Surface Water | TDS | N |
| E00096 | E320191 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00096 | E320191 | 12/7/93 | None | 12/12/93 | Surface Water | TSS | N |
| D00096 | E933200191 | 12/7/93 | None | 12/11/93 | Surface Water | METID | N |
| E00096 | E933200191 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00096 | E933200191 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00096 | E933200191 | 12/7/93 | None | 12/9/93 | Surface Water | Fluoride | N |
| E00096 | E933200191 | 12/7/93 | None | 1/22/94 | Surface Water | Gamma Spec | N |
| E00096 | E933200191 | 12/7/93 | None | 12/10/93 | Surface Water | METI | N |
| E00096 | E933200191 | 12/7/93 | None | 12/30/93 | Surface Water | Radium | N |
| E00096 | E933200191 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| T00096 | E933200191 | 12/7/93 | None | 12/10/93 | Surface Water | META | N |
| U00096 | E933200191 | 12/7/93 | None | 12/10/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200084 **Outfall:** Oil Skimmer AM **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200084 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933200084 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E320084 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E320084 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E320084 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E320084 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E320084 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E320084 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| 00081 | E933200084 | 12/7/93 | 12/10/93 | 12/12/93 | Surface Water | PCB/Pesticides | N |
| E00081 | E933200084 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00081 | E933200084 | 12/7/93 | None | 12/7/93 | Surface Water | Anions | N |
| E00081 | E933200084 | 12/7/93 | None | 12/14/93 | Surface Water | Fluoride | N |
| E00081 | E933200084 | 12/7/93 | None | 1/25/94 | Surface Water | Gamma Spec | N |
| E00081 | E933200084 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933200084 | 12/7/93 | None | 12/21/93 | Surface Water | Radium | N |
| E00081 | E933200084 | 12/7/93 | 12/7/93 | 12/10/93 | Surface Water | Semivolatiles | N |
| E00081 | E933200084 | 12/7/93 | None | 12/18/93 | Surface Water | Volatiles | N |
| T00081 | E933200084 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933200084 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Regular Samples

**ELIMS Number:** E933200087 **Outfall:** Oil Skimmer PM **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200087 | 12/7/93 | None | 12/16/93 | Surface Water | Total U | N |
| D00081 | D933200087 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00081 | E320087 | 12/7/93 | None | 12/20/93 | Surface Water | Alkalinity | N |
| E00081 | E320087 | 12/7/93 | None | 12/27/93 | Surface Water | Ammonia-N | N |
| E00081 | E320087 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00081 | E320087 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00081 | E320087 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00081 | E320087 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| 00081 | E933200087 | 12/7/93 | 12/10/93 | 12/12/93 | Surface Water | PCB/Pesticides | N |
| E00081 | E933200087 | 12/7/93 | None | 12/17/93 | Surface Water | Alpha-Beta | N |
| E00081 | E933200087 | 12/7/93 | None | 12/8/93 | Surface Water | Anions | N |
| E00081 | E933200087 | 12/7/93 | None | 12/13/93 | Surface Water | Fluoride | N |
| E00081 | E933200087 | 12/7/93 | None | 1/25/94 | Surface Water | Gamma Spec | N |
| E00081 | E933200087 | 12/7/93 | None | 12/16/93 | Surface Water | METI | N |
| E00081 | E933200087 | 12/7/93 | None | 12/21/93 | Surface Water | Radium | N |
| E00081 | E933200087 | 12/7/93 | 12/13/93 | 1/5/94 | Surface Water | Semivolatiles | N |
| E00081 | E933200087 | 12/7/93 | None | 12/19/93 | Surface Water | Volatiles | N |
| T00081 | E933200087 | 12/7/93 | None | 12/9/93 | Surface Water | META | N |
| U00081 | E933200087 | 12/7/93 | None | 12/9/93 | Surface Water | METAD | N |

**ELIMS Number:** E933200203 **Outfall:** N/S Pipe PM **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200203 | 12/7/93 | None | 12/17/93 | Surface Water | Total U | N |
| E00107 | E320203 | 12/7/93 | None | 12/16/93 | Surface Water | Alkalinity | N |
| E00107 | E320203 | 12/7/93 | None | 12/28/93 | Surface Water | Ammonia-N | N |
| E00107 | E320203 | 12/7/93 | None | 12/21/93 | Surface Water | Oil & Grease | N |
| E00107 | E320203 | 12/7/93 | None | 12/9/93 | Surface Water | TDS | N |
| E00107 | E320203 | 12/7/93 | None | 12/31/93 | Surface Water | TOC | N |
| E00107 | E320203 | 12/7/93 | None | 12/9/93 | Surface Water | TSS | N |
| D00107 | E933200203 | 12/7/93 | None | 12/15/93 | Surface Water | METAD | N |
| D00107 | E933200203 | 12/7/93 | None | 12/13/93 | Surface Water | METID | N |
| E00107 | E933200203 | 12/7/93 | None | 12/18/93 | Surface Water | Alpha-Beta | N |
| E00107 | E933200203 | 12/7/93 | None | 12/9/93 | Surface Water | Anions | N |
| E00107 | E933200203 | 12/7/93 | None | 12/10/93 | Surface Water | Fluoride | N |
| E00107 | E933200203 | 12/7/93 | None | 1/29/94 | Surface Water | Gamma Spec | N |
| E00107 | E933200203 | 12/7/93 | None | 12/15/93 | Surface Water | META | N |
| E00107 | E933200203 | 12/7/93 | None | 12/13/93 | Surface Water | METI | N |
| E00107 | E933200203 | 12/7/93 | None | 1/5/94 | Surface Water | Radium | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933200214 **Outfall:** Field Blank **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200214 | 12/7/93 | None | 12/17/93 | Field Blank | Total U | N |
| E00107 | E320214 | 12/7/93 | None | 12/16/93 | Field Blank | Alkalinity | N |
| E00107 | E320214 | 12/7/93 | None | 12/28/93 | Field Blank | Ammonia-N | N |
| E00107 | E320214 | 12/7/93 | None | 12/21/93 | Field Blank | Oil & Grease | N |
| E00107 | E320214 | 12/7/93 | None | 12/9/93 | Field Blank | TDS | N |
| E00107 | E320214 | 12/7/93 | None | 12/31/93 | Field Blank | TOC | N |
| E00107 | E320214 | 12/7/93 | None | 12/9/93 | Field Blank | TSS | N |
| D00107 | E933200214 | 12/7/93 | None | 12/15/93 | Field Blank | METAD | N |
| D00107 | E933200214 | 12/7/93 | None | 12/13/93 | Field Blank | METID | N |
| E00107 | E933200214 | 12/7/93 | None | 12/18/93 | Field Blank | Alpha-Beta | N |
| E00107 | E933200214 | 12/7/93 | None | 12/9/93 | Field Blank | Anions | N |
| E00107 | E933200214 | 12/7/93 | None | 12/10/93 | Field Blank | Fluoride | N |
| E00107 | E933200214 | 12/7/93 | None | 1/28/94 | Field Blank | Gamma Spec | N |
| E00107 | E933200214 | 12/7/93 | None | 12/15/93 | Field Blank | META | N |
| E00107 | E933200214 | 12/7/93 | None | 12/13/93 | Field Blank | METI | N |
| E00107 | E933200214 | 12/7/93 | None | 12/22/93 | Field Blank | Radium | N |
| E00107 | E933200214 | 12/7/93 | None | 12/9/93 | Field Blank | Volatiles | N |

**ELIMS Number:** E933350001 **Outfall:** Field Lab Rinseate **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D00096 | E933350001 | 12/7/93 | None | 12/11/93 | Mob. Lab Blank | METID | N |
| E00096 | E933350001 | 12/7/93 | None | 12/8/93 | Mob. Lab Blank | Anions | N |
| U00096 | E933350001 | 12/7/93 | None | 12/10/93 | Mob. Lab Blank | METAD | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933200204 **Outfall:** Equip. Rinse **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | 3200204 | 12/7/93 | None | 12/16/93 | Equip. Rinse | Total U | N |
| D00081 | D933200204 | 12/7/93 | None | 12/13/93 | Equip. Rinse | METID | N |
| E00081 | E320204 | 12/7/93 | None | 12/20/93 | Equip. Rinse | Alkalinity | N |
| E00081 | E320204 | 12/7/93 | None | 12/27/93 | Equip. Rinse | Ammonia-N | N |
| E00081 | E320204 | 12/7/93 | None | 12/21/93 | Equip. Rinse | Oil & Grease | N |
| E00081 | E320204 | 12/7/93 | None | 12/9/93 | Equip. Rinse | TDS | N |
| E00081 | E320204 | 12/7/93 | None | 12/31/93 | Equip. Rinse | TOC | N |
| E00081 | E320204 | 12/7/93 | None | 12/9/93 | Equip. Rinse | TSS | N |
| 00081 | E933200204 | 12/7/93 | 12/10/93 | 12/12/93 | Equip. Rinse | PCB/Pesticides | N |
| E00081 | E933200204 | 12/7/93 | None | 12/17/93 | Equip. Rinse | Alpha-Beta | N |
| E00081 | E933200204 | 12/7/93 | None | 12/7/93 | Equip. Rinse | Anions | N |
| E00081 | E933200204 | 12/7/93 | None | 12/14/93 | Equip. Rinse | Fluoride | N |
| E00081 | E933200204 | 12/7/93 | None | 1/29/94 | Equip. Rinse | Gamma Spec | N |
| E00081 | E933200204 | 12/7/93 | None | 12/16/93 | Equip. Rinse | METI | N |
| E00081 | E933200204 | 12/7/93 | None | 12/21/93 | Equip. Rinse | Radium | N |
| E00081 | E933200204 | 12/7/93 | 12/7/93 | 12/10/93 | Equip. Rinse | Semivolatiles | N |
| T00081 | E933200204 | 12/7/93 | None | 12/9/93 | Equip. Rinse | META | N |
| U00081 | E933200204 | 12/7/93 | None | 12/9/93 | Equip. Rinse | METAD | N |

**ELIMS Number:** E933200206 **Outfall:** Dup. # 2/Outfall 2 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200206 | 12/7/93 | None | 12/16/93 | Duplicate | Total U | N |
| D00084 | D933200206 | 12/7/93 | None | 12/8/93 | Duplicate | METID | N |
| U00084 | D933200206 | 12/7/93 | None | 12/13/93 | Duplicate | METAD | N |
| E00084 | E320206 | 12/7/93 | None | 12/20/93 | Duplicate | Alkalinity | N |
| E00084 | E320206 | 12/7/93 | None | 12/31/93 | Duplicate | Ammonia-N | N |
| E00084 | E320206 | 12/7/93 | None | 12/27/93 | Duplicate | Oil & Grease | N |
| E00084 | E320206 | 12/7/93 | None | 12/10/93 | Duplicate | TDS | N |
| E00084 | E320206 | 12/7/93 | None | 12/31/93 | Duplicate | TOC | N |
| E00084 | E320206 | 12/7/93 | None | 12/10/93 | Duplicate | TSS | N |
| E00084 | E933200206 | 12/7/93 | None | 12/18/93 | Duplicate | Alpha-Beta | N |
| E00084 | E933200206 | 12/7/93 | None | 12/7/93 | Duplicate | Anions | N |
| E00084 | E933200206 | 12/7/93 | None | 12/16/93 | Duplicate | Fluoride | N |
| E00084 | E933200206 | 12/7/93 | None | 1/29/94 | Duplicate | Gamma Spec | N |
| E00084 | E933200206 | 12/7/93 | None | 12/8/93 | Duplicate | METI | N |
| E00084 | E933200206 | 12/7/93 | None | 12/21/93 | Duplicate | Radium | N |
| T00084 | E933200206 | 12/7/93 | None | 12/9/93 | Duplicate | META | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933200207 **Outfall:** Dup. # 3/Outfall 42 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00084 | 3200207 | 12/7/93 | None | 12/16/93 | Duplicate | Total U | N |
| D00084 | D933200207 | 12/7/93 | None | 12/8/93 | Duplicate | METID | N |
| U00084 | D933200207 | 12/7/93 | None | 12/13/93 | Duplicate | METAD | N |
| E00084 | E320207 | 12/7/93 | None | 12/20/93 | Duplicate | Alkalinity | N |
| E00084 | E320207 | 12/7/93 | None | 12/31/93 | Duplicate | Ammonia-N | N |
| E00084 | E320207 | 12/7/93 | None | 12/27/93 | Duplicate | Oil & Grease | N |
| E00084 | E320207 | 12/7/93 | None | 12/10/93 | Duplicate | TDS | N |
| E00084 | E320207 | 12/7/93 | None | 12/31/93 | Duplicate | TOC | N |
| E00084 | E320207 | 12/7/93 | None | 12/10/93 | Duplicate | TSS | N |
| E00084 | E933200207 | 12/7/93 | None | 12/17/93 | Duplicate | Alpha-Beta | N |
| E00084 | E933200207 | 12/7/93 | None | 12/8/93 | Duplicate | Anions | N |
| E00084 | E933200207 | 12/7/93 | None | 12/16/93 | Duplicate | Fluoride | N |
| E00084 | E933200207 | 12/7/93 | None | 1/29/94 | Duplicate | Gamma Spec | N |
| E00084 | E933200207 | 12/7/93 | None | 12/8/93 | Duplicate | METI | N |
| E00084 | E933200207 | 12/7/93 | None | 12/21/93 | Duplicate | Radium | N |
| T00084 | E933200207 | 12/7/93 | None | 12/9/93 | Duplicate | META | N |

**ELIMS Number:** E933200208 **Outfall:** Dup. # 4/Outfall 109 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | 3200208 | 12/7/93 | None | 12/17/93 | Duplicate | Total U | N |
| E00107 | E320208 | 12/7/93 | None | 12/16/93 | Duplicate | Alkalinity | N |
| E00107 | E320208 | 12/7/93 | None | 12/28/93 | Duplicate | Ammonia-N | N |
| E00107 | E320208 | 12/7/93 | None | 12/21/93 | Duplicate | Oil & Grease | N |
| E00107 | E320208 | 12/7/93 | None | 12/9/93 | Duplicate | TDS | N |
| E00107 | E320208 | 12/7/93 | None | 12/31/93 | Duplicate | TOC | N |
| E00107 | E320208 | 12/7/93 | None | 12/9/93 | Duplicate | TSS | N |
| D00107 | E933200208 | 12/7/93 | None | 12/15/93 | Duplicate | METAD | N |
| D00107 | E933200208 | 12/7/93 | None | 12/13/93 | Duplicate | METID | N |
| E00107 | E933200208 | 12/7/93 | None | 12/18/93 | Duplicate | Alpha-Beta | N |
| E00107 | E933200208 | 12/7/93 | None | 12/8/93 | Duplicate | Anions | N |
| E00107 | E933200208 | 12/7/93 | None | 12/14/93 | Duplicate | Fluoride | N |
| E00107 | E933200208 | 12/7/93 | None | 1/31/94 | Duplicate | Gamma Spec | N |
| E00107 | E933200208 | 12/7/93 | None | 12/15/93 | Duplicate | META | N |
| E00107 | E933200208 | 12/7/93 | None | 12/13/93 | Duplicate | METI | N |
| E00107 | E933200208 | 12/7/93 | None | 12/22/93 | Duplicate | Radium | N |
| E00107 | E933200208 | 12/7/93 | None | 12/10/93 | Duplicate | Volatiles | N |

### Trip Blanks

**ELIMS Number:** E933220148 **Outfall:** Equip. Rinse **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | E933220148 | 12/7/93 | None | 12/9/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Trip Blanks

**ELIMS Number:** E933410028 **Outfall:** Outfall 33 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933410028 | 12/7/93 | None | 12/18/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933200209 **Outfall:** Outfall 88 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933200209 | 12/7/93 | None | 12/19/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933200210 **Outfall:** Outfall 109 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933200210 | 12/7/93 | None | 12/19/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933340078 **Outfall:** Dup. # 3/Outfall 109 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | E933340078 | 12/7/93 | None | 12/9/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933200212 **Outfall:** Outfall 122 **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00107 | E933200212 | 12/7/93 | None | 12/9/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933200213 **Outfall:** N/S Pipe AM **Event Name:** Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933200213 | 12/7/93 | None | 12/18/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

## Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 1
### Trip Blanks

ELIMS Number: E933200091 Outfall: Oil Skimmer AM Event Name: Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933200091 | 12/7/93 | None | 12/18/93 | Trip Blank | Volatiles | N |

ELIMS Number: E933200092 Outfall: Oil Skimmer PM Event Name: Event 4, Part 1

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00081 | E933200092 | 12/7/93 | None | 12/19/93 | Trip Blank | Volatiles | N |

### Event 4, Part 2
### Regular Samples

ELIMS Number: E933430080 Outfall: Outfall 150 Event Name: Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430080 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430080 | 12/16/93 | None | 12/31/93 | Surface Water | Radium | N |
| E00126 | 3430080 | 12/16/93 | None | 1/19/93 | Surface Water | Total U | N |
| E00126 | E343080 | 12/16/93 | None | 1/5/94 | Surface Water | Alkalinity | Y |
| E00126 | E343080 | 12/16/93 | None | 1/5/94 | Surface Water | Ammonia-N | N |
| E00126 | E343080 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343080 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343080 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343080 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343080 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343080 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430080 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430080 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430080 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00126 | E933430080 | 12/16/93 | None | 12/30/93 | Surface Water | Fluoride | N |
| E00126 | E933430080 | 12/16/93 | None | 2/1/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430080 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430080 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Regular Samples

**ELIMS Number:** E933430081 **Outfall:** Outfall 160 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430081 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430081 | 12/16/93 | None | 12/31/93 | Surface Water | Radium | N |
| E00126 | 3430081 | 12/16/93 | None | 1/19/93 | Surface Water | Total U | N |
| E00126 | E343081 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343081 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343081 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343081 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343081 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343081 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343081 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343081 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430081 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430081 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430081 | 12/16/93 | None | 12/17/93 | Surface Water | Anions | N |
| E00126 | E933430081 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00126 | E933430081 | 12/16/93 | None | 2/1/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430081 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430081 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |
| E00126 | E933430081 | 12/16/93 | None | 12/22/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E933430082 **Outfall:** Outfall 163 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430082 | 12/16/93 | None | 1/1/94 | Surface Water | Alpha-Beta | N |
| E00124 | 3430082 | 12/16/93 | None | 2/4/94 | Surface Water | Radium | N |
| E00124 | 3430082 | 12/16/93 | None | 2/15/94 | Surface Water | Total U | N |
| E00124 | E343082 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00124 | E343082 | 12/16/93 | None | 1/5/94 | Surface Water | Ammonia-N | N |
| E00124 | E343082 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00124 | E343082 | 12/16/93 | None | 1/7/94 | Surface Water | COD | N |
| E00124 | E343082 | 12/16/93 | None | 1/10/94 | Surface Water | Oil & Grease | N |
| E00124 | E343082 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00124 | E343082 | 12/16/93 | None | 1/4/94 | Surface Water | TOC | N |
| E00124 | E343082 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00124 | E933430082 | 12/16/93 | None | 12/21/93 | Surface Water | METAD | N |
| D00124 | E933430082 | 12/16/93 | None | 12/21/93 | Surface Water | METID | N |
| E00124 | E933430082 | 12/16/93 | None | 12/17/93 | Surface Water | Anions | N |
| E00124 | E933430082 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00124 | E933430082 | 12/16/93 | None | 2/4/94 | Surface Water | Gamma Spec | N |
| E00124 | E933430082 | 12/16/93 | None | 12/21/93 | Surface Water | META | N |
| E00124 | E933430082 | 12/16/93 | None | 12/20/93 | Surface Water | METI | N |
| E00124 | E933430082 | 12/16/93 | 12/20/93 | 1/4/93 | Surface Water | Semivolatiles | N |
| E00124 | E933430082 | 12/16/93 | None | 12/21/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Regular Samples

**ELIMS Number:** E933430083 **Outfall:** Outfall 169 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430083 | 12/16/93 | None | 1/1/94 | Surface Water | Alpha-Beta | N |
| E00124 | 3430083 | 12/16/93 | None | 2/4/94 | Surface Water | Radium | N |
| E00124 | 3430083 | 12/16/93 | None | 2/15/94 | Surface Water | Total U | N |
| E00124 | E343083 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00124 | E343083 | 12/16/93 | None | 1/5/94 | Surface Water | Ammonia-N | N |
| E00124 | E343083 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00124 | E343083 | 12/16/93 | None | 1/7/94 | Surface Water | COD | N |
| E00124 | E343083 | 12/16/93 | None | 1/10/94 | Surface Water | Oil & Grease | N |
| E00124 | E343083 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00124 | E343083 | 12/16/93 | None | 1/4/94 | Surface Water | TOC | N |
| E00124 | E343083 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00124 | E933430083 | 12/16/93 | None | 12/21/93 | Surface Water | METAD | N |
| D00124 | E933430083 | 12/16/93 | None | 12/21/93 | Surface Water | METID | N |
| E00124 | E933430083 | 12/16/93 | None | 12/17/93 | Surface Water | Anions | N |
| E00124 | E933430083 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00124 | E933430083 | 12/16/93 | None | 2/4/94 | Surface Water | Gamma Spec | N |
| E00124 | E933430083 | 12/16/93 | None | 12/21/93 | Surface Water | META | N |
| E00124 | E933430083 | 12/16/93 | None | 12/20/93 | Surface Water | METI | N |
| E00124 | E933430083 | 12/16/93 | 12/20/93 | 1/4/93 | Surface Water | Semivolatiles | N |
| E00124 | E933430083 | 12/16/93 | None | 12/21/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E933430084 **Outfall:** Outfall 179 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430084 | 12/16/93 | None | 1/1/94 | Surface Water | Alpha-Beta | N |
| E00124 | 3430084 | 12/16/93 | None | 1/19/94 | Surface Water | Radium | N |
| E00124 | 3430084 | 12/16/93 | None | 2/15/94 | Surface Water | Total U | N |
| E00124 | E343084 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00124 | E343084 | 12/16/93 | None | 1/5/94 | Surface Water | Ammonia-N | N |
| E00124 | E343084 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00124 | E343084 | 12/16/93 | None | 1/7/94 | Surface Water | COD | N |
| E00124 | E343084 | 12/16/93 | None | 1/10/94 | Surface Water | Oil & Grease | N |
| E00124 | E343084 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00124 | E343084 | 12/16/93 | None | 1/4/94 | Surface Water | TOC | N |
| E00124 | E343084 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00124 | E933430084 | 12/16/93 | None | 12/21/93 | Surface Water | METAD | N |
| D00124 | E933430084 | 12/16/93 | None | 12/21/93 | Surface Water | METID | N |
| E00124 | E933430084 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00124 | E933430084 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00124 | E933430084 | 12/16/93 | None | 2/4/94 | Surface Water | Gamma Spec | N |
| E00124 | E933430084 | 12/16/93 | None | 12/21/93 | Surface Water | META | N |
| E00124 | E933430084 | 12/16/93 | None | 12/20/93 | Surface Water | METI | N |
| E00124 | E933430084 | 12/16/93 | 12/20/93 | 1/5/93 | Surface Water | Semivolatiles | N |
| E00124 | E933430084 | 12/16/93 | None | 12/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Regular Samples

**ELIMS Number:** E933430086 **Outfall:** Outfall 189 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430086 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430086 | 12/16/93 | None | 12/31/93 | Surface Water | Radium | N |
| E00126 | 3430086 | 12/16/93 | None | 2/14/94 | Surface Water | Total U | N |
| E00126 | E343086 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343086 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343086 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343086 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343086 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343086 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343086 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343086 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430086 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430086 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430086 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00126 | E933430086 | 12/16/93 | None | 12/30/93 | Surface Water | Fluoride | N |
| E00126 | E933430086 | 12/16/93 | None | 2/2/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430086 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430086 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |
| E00126 | E933430086 | 12/16/93 | None | 12/22/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E933430087 **Outfall:** Outfall 190 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430087 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00124 | 3430087 | 12/16/93 | None | 1/19/94 | Surface Water | Radium | N |
| E00124 | 3430087 | 12/16/93 | None | 2/15/94 | Surface Water | Total U | N |
| E00124 | E343087 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00124 | E343087 | 12/16/93 | None | 1/5/94 | Surface Water | Ammonia-N | N |
| E00124 | E343087 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00124 | E343087 | 12/16/93 | None | 1/7/94 | Surface Water | COD | N |
| E00124 | E343087 | 12/16/93 | None | 1/10/94 | Surface Water | Oil & Grease | N |
| E00124 | E343087 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00124 | E343087 | 12/16/93 | None | 1/4/94 | Surface Water | TOC | N |
| E00124 | E343087 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00124 | E933430087 | 12/16/93 | None | 12/21/93 | Surface Water | METAD | N |
| D00124 | E933430087 | 12/16/93 | None | 12/21/93 | Surface Water | METID | N |
| E00124 | E933430087 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00124 | E933430087 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00124 | E933430087 | 12/16/93 | None | 2/5/94 | Surface Water | Gamma Spec | N |
| E00124 | E933430087 | 12/16/93 | None | 12/21/93 | Surface Water | META | N |
| E00124 | E933430087 | 12/16/93 | None | 12/20/93 | Surface Water | METI | N |
| E00124 | E933430087 | 12/16/93 | 12/20/93 | 1/5/93 | Surface Water | Semivolatiles | N |
| E00124 | E933430087 | 12/16/93 | None | 12/20/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Regular Samples

**ELIMS Number:** E933430088 **Outfall:** N/S Pipe AM **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430088 | 12/16/93 | None | 1/1/94 | Surface Water | Alpha-Beta | N |
| E00126 | 3430088 | 12/16/93 | None | 2/4/94 | Surface Water | Radium | N |
| E00126 | 3430088 | 12/16/93 | None | 1/19/93 | Surface Water | Total U | N |
| E00126 | E343088 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343088 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343088 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343088 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343088 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343088 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343088 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343088 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430088 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430088 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430088 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00126 | E933430088 | 12/16/93 | None | 12/30/93 | Surface Water | Fluoride | N |
| E00126 | E933430088 | 12/16/93 | None | 2/2/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430088 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430088 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |
| E00126 | E933430088 | 12/16/93 | None | 12/22/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E933430094 **Outfall:** Western Line **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430094 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430094 | 12/16/93 | None | 2/4/94 | Surface Water | Radium | N |
| E00126 | 3430094 | 12/16/93 | None | 2/14/94 | Surface Water | Total U | N |
| E00126 | E343094 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343094 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343094 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343094 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343094 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343094 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343094 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343094 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430094 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430094 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430094 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00126 | E933430094 | 12/16/93 | None | 1/4/94 | Surface Water | Fluoride | N |
| E00126 | E933430094 | 12/16/93 | None | 2/3/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430094 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430094 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |
| E00126 | E933430094 | 12/16/93 | None | 12/22/93 | Surface Water | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Regular Samples

**ELIMS Number:** E933430085 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430085 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430085 | 12/16/93 | None | 12/31/93 | Surface Water | Radium | N |
| E00126 | 3430085 | 12/16/93 | None | 1/19/93 | Surface Water | Total U | N |
| E00126 | E343085 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343085 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343085 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343085 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343085 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343085 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343085 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343085 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430085 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430085 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430085 | 12/16/93 | None | 12/16/93 | Surface Water | Anions | N |
| E00126 | E933430085 | 12/16/93 | None | 12/21/93 | Surface Water | Fluoride | N |
| E00126 | E933430085 | 12/16/93 | None | 2/2/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430085 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430085 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |
| E00126 | E933430085 | 12/16/93 | None | 12/22/93 | Surface Water | Volatiles | N |

**ELIMS Number:** E933430089 **Outfall:** N/S Pipe PM **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430089 | 12/16/93 | None | 12/27/93 | Surface Water | Alpha-Beta | N |
| E00126 | 3430089 | 12/16/93 | None | 2/4/94 | Surface Water | Radium | N |
| E00126 | 3430089 | 12/16/93 | None | 1/19/93 | Surface Water | Total U | N |
| E00126 | E343089 | 12/16/93 | None | 12/28/93 | Surface Water | Alkalinity | N |
| E00126 | E343089 | 12/16/93 | None | 1/3/94 | Surface Water | Ammonia-N | N |
| E00126 | E343089 | 12/16/93 | None | 12/17/93 | Surface Water | BOD | N |
| E00126 | E343089 | 12/16/93 | None | 1/5/94 | Surface Water | COD | N |
| E00126 | E343089 | 12/16/93 | None | 1/11/94 | Surface Water | Oil & Grease | N |
| E00126 | E343089 | 12/16/93 | None | 12/19/93 | Surface Water | TDS | N |
| E00126 | E343089 | 12/16/93 | None | 1/3/94 | Surface Water | TOC | N |
| E00126 | E343089 | 12/16/93 | None | 12/19/93 | Surface Water | TSS | N |
| D00126 | E933430089 | 12/16/93 | None | 1/4/94 | Surface Water | METAD | N |
| D00126 | E933430089 | 12/16/93 | None | 1/4/94 | Surface Water | METID | N |
| E00126 | E933430089 | 12/16/93 | None | 12/17/93 | Surface Water | Anions | N |
| E00126 | E933430089 | 12/16/93 | None | 12/30/93 | Surface Water | Fluoride | N |
| E00126 | E933430089 | 12/16/93 | None | 2/2/94 | Surface Water | Gamma Spec | N |
| E00126 | E933430089 | 12/16/93 | None | 1/4/94 | Surface Water | META | N |
| E00126 | E933430089 | 12/16/93 | None | 1/4/94 | Surface Water | METI | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933430092 **Outfall:** Field Blank **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430092 | 12/16/93 | None | 1/1/94 | Field Blank | Alpha-Beta | N |
| E00124 | 3430092 | 12/16/93 | None | 1/19/94 | Field Blank | Radium | N |
| E00124 | 3430092 | 12/16/93 | None | 2/15/94 | Field Blank | Total U | N |
| E00124 | E343092 | 12/16/93 | None | 12/28/93 | Field Blank | Alkalinity | N |
| E00124 | E343092 | 12/16/93 | None | 1/5/94 | Field Blank | Ammonia-N | N |
| E00124 | E343092 | 12/16/93 | None | 12/17/93 | Field Blank | BOD | N |
| E00124 | E343092 | 12/16/93 | None | 1/7/94 | Field Blank | COD | N |
| E00124 | E343092 | 12/16/93 | None | 1/10/94 | Field Blank | Oil & Grease | N |
| E00124 | E343092 | 12/16/93 | None | 12/19/93 | Field Blank | TDS | N |
| E00124 | E343092 | 12/16/93 | None | 1/4/94 | Field Blank | TOC | N |
| E00124 | E343092 | 12/16/93 | None | 12/19/93 | Field Blank | TSS | N |
| D00124 | E933430092 | 12/16/93 | None | 12/21/93 | Field Blank | METAD | N |
| D00124 | E933430092 | 12/16/93 | None | 12/21/93 | Field Blank | METID | N |
| E00124 | E933430092 | 12/16/93 | None | 12/21/93 | Field Blank | Fluoride | N |
| E00124 | E933430092 | 12/16/93 | None | 2/5/94 | Field Blank | Gamma Spec | N |
| E00124 | E933430092 | 12/16/93 | None | 12/21/93 | Field Blank | META | N |
| E00124 | E933430092 | 12/16/93 | None | 12/20/93 | Field Blank | METI | N |
| E00124 | E933430092 | 12/16/93 | 12/20/93 | 1/5/93 | Field Blank | Semivolatiles | N |
| E00124 | E933430092 | 12/16/93 | None | 12/21/93 | Field Blank | Volatiles | N |
| E00141 | E933430092 | 12/16/93 | None | 12/16/93 | Field Blank | Anions | N |

**ELIMS Number:** E933430109 **Outfall:** Field Lab Rinseate **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| D00124 | E933430109 | 12/16/93 | None | 12/21/93 | Mob. Lab Blank | METAD | N |
| D00124 | E933430109 | 12/16/93 | None | 12/21/93 | Mob. Lab Blank | METID | N |
| E00124 | E933430109 | 12/16/93 | None | 12/16/93 | Mob. Lab Blank | Anions | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933430093 **Outfall:** Equip. Rinse **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430093 | 12/15/93 | None | 1/1/94 | Field Rinseate | Alpha-Beta | N |
| E00124 | 3430093 | 12/15/93 | None | 1/19/94 | Field Rinseate | Radium | N |
| E00124 | 3430093 | 12/15/93 | None | 2/15/94 | Field Rinseate | Total U | N |
| E00124 | E343093 | 12/15/93 | None | 12/28/93 | Field Rinseate | Alkalinity | N |
| E00124 | E343093 | 12/15/93 | None | 1/5/94 | Field Rinseate | Ammonia-N | N |
| E00124 | E343093 | 12/15/93 | None | 12/17/93 | Field Rinseate | BOD | N |
| E00124 | E343093 | 12/15/93 | None | 1/7/94 | Field Rinseate | COD | N |
| E00124 | E343093 | 12/15/93 | None | 1/10/94 | Field Rinseate | Oil & Grease | N |
| E00124 | E343093 | 12/15/93 | None | 12/19/93 | Field Rinseate | TDS | N |
| E00124 | E343093 | 12/15/93 | None | 1/4/94 | Field Rinseate | TOC | N |
| E00124 | E343093 | 12/15/93 | None | 12/19/93 | Field Rinseate | TSS | N |
| D00124 | E933430093 | 12/15/93 | None | 12/21/93 | Field Rinseate | METAD | N |
| D00124 | E933430093 | 12/15/93 | None | 12/21/93 | Field Rinseate | METID | N |
| E00124 | E933430093 | 12/15/93 | None | 12/16/93 | Field Rinseate | Anions | N |
| E00124 | E933430093 | 12/15/93 | None | 12/21/93 | Field Rinseate | Fluoride | N |
| E00124 | E933430093 | 12/15/93 | None | 2/7/94 | Field Rinseate | Gamma Spec | N |
| E00124 | E933430093 | 12/15/93 | None | 12/21/93 | Field Rinseate | META | N |
| E00124 | E933430093 | 12/15/93 | None | 12/20/93 | Field Rinseate | METI | N |
| E00124 | E933430093 | 12/15/93 | 12/20/93 | 1/6/93 | Field Rinseate | Semivolatiles | N |
| E00124 | E933430093 | 12/15/93 | None | 12/20/93 | Field Rinseate | Volatiles | N |

**ELIMS Number:** E933430091 **Outfall:** Dup. # 2/Outfall 169 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | 3430091 | 12/16/93 | None | 12/27/93 | Duplicate | Alpha-Beta | N |
| E00126 | 3430091 | 12/16/93 | None | 12/31/93 | Duplicate | Radium | N |
| E00126 | 3430091 | 12/16/93 | None | 1/19/93 | Duplicate | Total U | N |
| E00126 | E343091 | 12/16/93 | None | 12/28/93 | Duplicate | Alkalinity | N |
| E00126 | E343091 | 12/16/93 | None | 1/3/94 | Duplicate | Ammonia-N | N |
| E00126 | E343091 | 12/16/93 | None | 12/17/93 | Duplicate | BOD | N |
| E00126 | E343091 | 12/16/93 | None | 1/5/94 | Duplicate | COD | N |
| E00126 | E343091 | 12/16/93 | None | 1/11/94 | Duplicate | Oil & Grease | N |
| E00126 | E343091 | 12/16/93 | None | 12/19/93 | Duplicate | TDS | N |
| E00126 | E343091 | 12/16/93 | None | 1/3/94 | Duplicate | TOC | N |
| E00126 | E343091 | 12/16/93 | None | 12/19/93 | Duplicate | TSS | N |
| D00126 | E933430091 | 12/16/93 | None | 1/4/94 | Duplicate | METAD | N |
| D00126 | E933430091 | 12/16/93 | None | 1/4/94 | Duplicate | METID | N |
| E00126 | E933430091 | 12/16/93 | None | 12/17/93 | Duplicate | Anions | N |
| E00126 | E933430091 | 12/16/93 | None | 1/4/94 | Duplicate | Fluoride | N |
| E00126 | E933430091 | 12/16/93 | None | 2/3/94 | Duplicate | Gamma Spec | N |
| E00126 | E933430091 | 12/16/93 | None | 1/4/94 | Duplicate | META | N |
| E00126 | E933430091 | 12/16/93 | None | 1/4/94 | Duplicate | METI | N |
| E00126 | E933430091 | 12/16/93 | 12/20/93 | 1/5/94 | Duplicate | Semivolatiles | N |
| E00126 | E933430091 | 12/16/93 | None | 12/22/93 | Duplicate | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Duplicates, Field Blanks, and Rinseates

**ELIMS Number:** E933430090 **Outfall:** Dup. # 1/Outfall 190 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | 3430090 | 12/16/93 | None | 1/10/94 | Duplicate | Alpha-Beta | N |
| E00124 | 3430090 | 12/16/93 | None | 1/19/94 | Duplicate | Radium | N |
| E00124 | 3430090 | 12/16/93 | None | 2/15/94 | Duplicate | Total U | N |
| E00124 | E343090 | 12/16/93 | None | 12/28/93 | Duplicate | Alkalinity | N |
| E00124 | E343090 | 12/16/93 | None | 1/5/94 | Duplicate | Ammonia-N | N |
| E00124 | E343090 | 12/16/93 | None | 12/17/93 | Duplicate | BOD | N |
| E00124 | E343090 | 12/16/93 | None | 1/7/94 | Duplicate | COD | N |
| E00124 | E343090 | 12/16/93 | None | 1/10/94 | Duplicate | Oil & Grease | N |
| E00124 | E343090 | 12/16/93 | None | 12/19/93 | Duplicate | TDS | N |
| E00124 | E343090 | 12/16/93 | None | 1/4/94 | Duplicate | TOC | N |
| E00124 | E343090 | 12/16/93 | None | 12/19/93 | Duplicate | TSS | N |
| D00124 | E933430090 | 12/16/93 | None | 12/21/93 | Duplicate | METAD | N |
| D00124 | E933430090 | 12/16/93 | None | 12/21/93 | Duplicate | METID | N |
| E00124 | E933430090 | 12/16/93 | None | 12/16/93 | Duplicate | Anions | N |
| E00124 | E933430090 | 12/16/93 | None | 1/4/94 | Duplicate | Fluoride | N |
| E00124 | E933430090 | 12/16/93 | None | 2/5/94 | Duplicate | Gamma Spec | N |
| E00124 | E933430090 | 12/16/93 | None | 12/21/93 | Duplicate | META | N |
| E00124 | E933430090 | 12/16/93 | None | 12/20/93 | Duplicate | METI | N |
| E00124 | E933430090 | 12/16/93 | 12/20/93 | 1/20/93 | Duplicate | Semivolatiles | N |
| E00124 | E933430090 | 12/16/93 | None | 12/21/93 | Duplicate | Volatiles | N |

### Trip Blanks

**ELIMS Number:** E933430108 **Outfall:** TB for EB **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430108 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430107 **Outfall:** TB for FB **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | E933430107 | 12/16/93 | None | 12/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430095 **Outfall:** Outfall 150 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430095 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Trip Blanks

**ELIMS Number:** E933430096 **Outfall:** Outfall 160 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430096 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430097 **Outfall:** Outfall 163 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | E933430097 | 12/16/93 | None | 12/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430098 **Outfall:** Outfall 169 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | E933430098 | 12/16/93 | None | 12/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430106 **Outfall:** Dup. # 2/Outfall 169 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430106 | 12/16/93 | None | 12/29/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430099 **Outfall:** Outfall 179 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | E933430099 | 12/16/93 | None | 12/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430101 **Outfall:** Outfall 189 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430101 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand

META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved

TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Table C-1
## Summary of Analytical Events
## UEFPC Dry Weather Surface Water Characterization

### Event 4, Part 2
### Trip Blanks

**ELIMS Number:** E933430102 **Outfall:** Outfall 190 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430102 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430105 **Outfall:** Dup. # 1/Outfall 190 **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00124 | E933430105 | 12/16/93 | None | 12/21/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430103 **Outfall:** N/S Pipe AM **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430103 | 12/16/93 | None | 12/29/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933480031 **Outfall:** Western Line **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933480031 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430100 **Outfall:** 9422-16 SWHISS House **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430100 | 12/16/93 | None | 12/22/93 | Trip Blank | Volatiles | N |

**ELIMS Number:** E933430104 **Outfall:** N/S Pipe PM **Event Name:** Event 4, Part 2

| SDG Number | Lab Sample ID | Date Sampled | Date Extracted | Date Analyzed | Sample Type | Parameter | Exceeds Holding Time |
|---|---|---|---|---|---|---|---|
| E00126 | E933430104 | 12/16/93 | None | 12/29/93 | Trip Blank | Volatiles | N |

BOD = Biological Oxygen Demand
CR6 = Hexavalent Chromium
COD = Chemical Oxygen Demand
META = AA Metals, Total
METAD = AA Metals, Dissolved
METI = ICP Metals, Total
METID = ICP Metals, Dissolved
TDS = Total Dissolved Solids
TOC = Total Organic Carbon
TSS = Total Suspended Solids

# Appendix D

# DATA VALIDATION REPORT

# Overall Summary and PARCC Study

# UPPER EAST FORK POPLAR CREEK OPERABLE UNIT 1
# DATA VALIDATION SUMMARY REPORT

The Analytical Environmental Support Group (AESG), Oak Ridge K-25 Site, has completed the data validation for Upper East Fork Poplar Creek Operable Unit 1 (UEFPC OU1). The following information provides an overall summary of the validation portion of the UEFPC OU1 project, as well as individual narratives explaining qualification rationale, a compilation of qualified Form Is, or equivalent, for each parameter, and a review of the precision, accuracy, representativeness, completeness and comparability of the project. Sections are separated by parameter and subdivided by sample delivery group (SDG).

Project files of calculations, handwritten notes, action item forms, and miscellaneous aids and records of data validation are maintained by AESG, and they are available for review.

## I. PROJECT OVERVIEW

Analyses were performed by U.S. Environmental Protection Agency (EPA) drinking water methods, to comply with National Pollutant Discharge Elimination System (NPDES) requirements. Validation was performed using guidelines prepared by AESG for the UEFPC OU1 project. Guidelines are based on National Functional Guidelines for data review, when possible, with modifications to reflect NPDES method and project requirements. The project called for the laboratory to provide Level D deliverables for 10 percent of the samples analyzed and Level C deliverables for the remainder. AESG was tasked with validating all of Level D information and 10 percent of the Level C information. The laboratory included Level C samples in the Level D packages, therefore, both levels of validation were accomplished using single SDGs.

When control limits were not clearly defined, the validators used the following guidance, dependent on the parameter: UEFPC OU1 Quality Assurance Project Plan (QAPjP), laboratory limits supplied by the project, professional judgment [with the Contract Laboratory Program (CLP) as a reference] and technical support supplied by G. Joe Pardue, Jr., of the Analytical Project Office (APO).

Communication with the laboratory was accomplished using action item forms, which document information requested of, and obtained from, the laboratory.

## II. PURPOSE OF VALIDATION

The purpose of validation is to establish the usability of data. Although effectiveness of the statement of work (SOW), sampling operations, and analytical operations must be considered, the evaluation of these components is not the intent of the process and use of these comments for such evaluation is not appropriate.

The data quality evaluation process is used to assess the effect of an overall analytical process on the usability of data. The two major categories of data evaluation are laboratory performance and field performance. AESG was tasked with assessing laboratory performance for OU1 for the

UEFPC project. Evaluation of laboratory performance is a check for compliance with method requirements, which includes evaluation of quality indicators, such as surrogate spike recoveries, matrix spike recoveries, duplicate sample recoveries, field and laboratory blanks, and equipment rinsates.

## III. HOW TO INTERPRET FORM I VALIDATED DATA

On each Form I of validated data for ion chromatography, fluoride, hexavalent chromium, and all other wet chemistry methods, a column is present labeled "Concentration." In this column there may be an entry "<" preceding the numerical value, meaning less than the method detection limit (MDL). Other qualifiers could include "J," estimated detected value, "UJ," estimated undetected value, or "R," rejected data.

All information present on a Form I or equivalent with "VALIDATED DATA" in bold letters at the top of the page, should be considered validated data. Validation qualifiers are handwritten, unless laboratory qualification agrees with validation qualification, and are placed after the sample value. All validation qualifiers used are discussed in the section that follows. Qualifiers present on validated Form Is, but not included below, should be discussed with the validators for clarification.

## IV. VALIDATION QUALIFIERS

To the right of the printed material on the Form I is a hand-entered column of codes. These are the validation codes and represent evaluation of many aspects of data quality. The codes are:

**U** - The analyte was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

**J** - The associated value is an estimated quantity.

**UJ** - The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

**JN** - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**R** - The data point is unusable. (Note: Analyte may or may not be present.)

An explanation of the reason for each entry is given in the validation reports.

Validated data should not be considered without reference to the validation reports. Especially in the case of estimated data, a decision about usability cannot be made without knowing the deficiencies involved.

## V. OVERALL ASSESSMENT

The overall assessment for each parameter is included in the associated parameter discussion. The sections which follow provide a general overview of problems encountered during validation. If a particular section, topic, or parameter is not discussed, there were no major problems or items of interest. Precision, accuracy, representativeness, completeness and comparability are covered in the "PARCC" parameter discussion.

# SUMMARY FOR ION CHROMATOGRAPHY, FLUORIDE, WET CHEMISTRY AND HEXAVALENT CHROMIUM

Analyses were performed by NPDES methods. Validation was performed using a combination of method requirements, National Functional Guidelines for Data Review and the Operable Unit 1 (OU1) Quality Assurance Project Plan (QAPjP).

If the method specified that a particular quality control (QC) sample type be analyzed but did not provide acceptance limits, the QAPjP limits were used.

The following summary represents areas that either affect all sample delivery groups (SDGs) of an analyses, or at a minimum, affect one entire SDG. All data qualifiers applied to data that are not discussed in this data summary are discussed in the individual validation reports.

## ION CHROMATOGRAPHY

Data qualification performed on the ion chromatography results is due, greatly, to poor matrix spike (MS) analysis. MS's were not performed consistently on all analytes and were not spiked at concentrations appropriate for the original sample concentrations.

Duplicate analyses were not consistently performed on all analyses. This information should be looked at closely when determining the PARCC parameters.

## FLUORIDE

Data for SDG E18856 are estimated due to the low MS recovery.

Data in SDGs E292015, E00081, and E00124 are estimated due to the low bias that is evident in the control charts.

## HEXAVALENT CHROMIUM

The laboratory was unable to meet the lower reporting limit (LRL) that was established in the QAPjP of 10 ppb. The laboratory MDL is 20 ppb. The validation group has changed the values on Form I from "< 0.01 mg/L" to "< 0.02 mg/L" to correctly express the quantitation limit of the method.

## AMMONIA

Ammonia data for SDG E18856 were rejected due to the lack of a calibration curve for the analyses.

BIOLOGICAL OXYGEN DEMAND (BOD)

Data for BOD for SDG E18856 are estimated due to low laboratory control sample (LCS) recovery.

CHEMICAL OXYGEN DEMAND (COD)

No standardization information for the titrant was included in the data packages from the laboratory. After the laboratory supplied the validation group with standards preparation information the titrant concentration as verified and found to be acceptable.

CONDUCTIVITY

Conductivity data for SDG E18856 are estimated; the laboratory failed to analyze a continuing calibration verification standard (CCV) at the end of the analytical sequence to ensure continued calibration of the conductivity meter.

SDG E18856 was evaluated by the validation group, all other SDG's were analyzed in the field and were not evaluated by the validation group.

OIL & GREASE

Oil & Grease data for SDG E00050 are estimated due to the low MS recovery.

TOC

TOC data for SDG's E00050 and E00081 are estimated due to the low MS recoveries.

TDS/TSS

The laboratory analyzed TDS and TSS samples when the drying ovens were out of specification as described in the analytical procedures. The deviations were not significant enough to impact the data but were not addressed in the laboratory case narratives.

DISSOLVED METALS (AA)

The laboratory reported an IDL on Form 10 and then used a different IDL for reporting of results on the Form Is. Many results (especially lead) were corrected on the Form I's for this discrepancy.

MERCURY

The correlation coefficient for many of the mercury SDG's was below 0.995. It appeared that the laboratory reversed the absorbance of the 0.25 and 0.5 standards. The validator evaluated the 0.25 and 0.5 standards and was unable to correct the problem; therefore, all standards were used in the calculation as recorded. Most of the estimated mercury data is due to the correlation coefficient.

# SUMMARY FOR PESTICIDES AND POLYCHLORINATED BIPHENYL COMPOUNDS (PEST/PCBs)

The following guidance documents were used in determining the usability of pesticide/PCB data for the OU1 UEFPC project: U.S. Environmental Protection Agency (EPA) "Test Method Organochlorine Pesticides and PCBs," Method 608; *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1 Upper East Fork Poplar Creek at The Oak Ridge Y-12 Plant Oak Ridge, Tennessee*; Data Validation Guidelines of Chlorinated Pesticides and Aroclors in water samples; and Pesticide/PCB Review Checklist prepared by AESG. The following SDGs were validated for chlorinated pesticides and Aroclors in water: E00050, E22349, E22353, E00081, E27515, E18856, and E292015. All data packages were provided by the Oak Ridge Y-12 Plant Analytical Services Organization. Although there were no qualifiers provided during the validation process of the pesticide\PCB data, there were two areas of concern that need to be addressed. These areas of concern involve interference peaks coeluting with compounds of interest, and surrogate recovery values exceeding calibration range. These areas are summarized below.

Coeluting interference peaks were a recurring problem for column 1701 in three of the seven SDGs. These interferences coeluted with endrin aldehyde and endrin ketone. No qualifiers were assigned, since the interference peaks were not present on the RTX-5 column (confirmation column). It must be noted that when interference peaks were first evident, action should have been taken by the laboratory to eliminate interference peaks in future samples.

Two out of the seven SDGs contained surrogate recovery values that were four and ten times the normal spiking level, which then exceeded the instrument calibration range. However, this did not pose as a technical problem to the reviewer, since there were no positively identified compounds in the samples, and additional control samples were within their required control limits. No qualifiers were given based on surrogate spikes.

# SUMMARY OF VALIDATION OF INDUCTIVELY COUPLED PLASMA (ICP) ANALYTICAL RESULTS FOR OU1

Limits that were the basis of the validation of metals data obtained by NPDES Method 200.7 (ICP) are given in Table 1. Guidelines that were established in advance were followed for validation, when possible. Those guidelines were based on the EPA Functional Guidelines, with modifications to address analysis by 200.7 instead of CLP SOW. Overall observations about the data, and specific validation issues that were identified during the course of the validation, are discussed below.

Table 1. Acceptance Limits

| Sample Type | Method Limit | Project Limit | Lab Limit |
|---|---|---|---|
| ICV/CCV | ±5% Ÿ | _ | ±5% Ÿ |
| highest mixed std | ±5% Ÿ | _ | ±5% Ÿ |
| calib blank | ±2s * | _ | ±3s Ÿ |
| prep blank | subtract | - | <LRL Ÿ |
| LCS (QCCS) | ±5% Ÿ | 80-120 * | ±3s |
| MS | ±10% Ÿ | 80-120 | ±10% and ck pdms* |
| serial dilution | ±5% Ÿ | - | ±5% Ÿ |
| interference ck std | ±1.5s Ÿ | - | 20% * |
| duplicates | - | 20% Ÿ | - |

Ÿ Primary criterion used for qualification
* Secondary criterion to be discussed in DVR

## I. DATA DELIVERABLES

All deliverables were generally included in the data packages. In several cases, information requested as deliverables in a CLP-like package was inappropriate for validating data from an NPDES method, and additional information was needed. Upon request, The laboratory supplied material omitted from data packages, as well as additional information. This additional information has been compiled separately and is not present in the data packages. It includes standard deviation ranges for calibration blanks, laboratory control samples, and interference check standards; a statement regarding sample preparation; results for analysis of the high standard; data files containing results corrected for interelement interferences; values used for making internal standard corrections (Y-spike values); and some examples of documentation of the pH check.

## II. TECHNICAL HOLDING TIMES

The maximum allowable holding time was met for all samples. Holding times for ICP analytes is six months *for acidified samples*. Verification documentation for pH checks was not requested as a deliverable. A random sample number was selected for pH verification. The laboratory was able to supply verification for sample 22358 CLP and non-CLP metals, total and dissolved. In addition to the laboratory check, sample receiving also checked and documented pH, as did field personnel. The laboratory pH check was suspended when personnel became aware of the sample receiving check. The information obtained provided the validators satisfaction that a process for identifying unpreserved samples was in place.

## III. INITIAL AND CONTINUING CALIBRATION VERIFICATIONS

Initial and continuing calibration checks were generally well within limits. In a few instances, an analyte in the ICV had poor recovery, which may have been due to insufficient instrument warm-up or an anomaly in the sample delivery system. The check of the high standard was acceptable.

## IV. BLANKS

### A. Laboratory Blanks - Calibration

The NPDES method specifies an acceptance window of ± 2s for calibration blanks; laboratory limits are ± 3s, and the project approved ± 3s as the limits to be used for validation. Limits based on the standard deviation are intended to detect instrument drift, as well as contamination. CLP forms used to report data did not allow for a comparison of blank data to the ± 3s limits. The laboratory supplied the range of values equivalent to ± 3s, and comparisons had to be made against the data file, since reporting forms did not include actual results of blank analyses. Validators did not have information regarding statistics upon which ranges were based.

The evaluation was as follows:

If the instrument detection limit (IDL) is at least 5X |blank signal|, and investigation (e.g., review of data from the blanks run after every sample) indicates no trend or drift, sample results will not be qualified based on being outside 3s.
If the IDL is less than 5X |blank signal|, sample results will be qualified as follows: When the blank signal exceeds +3s, sample detects < 5X blank signal will be qualified J. When the blank signal is below -3s, sample nondetects will be qualified UJ.

The limited number of data points in the package precluded determinations about drift. The relative infrequency at which points outside the range were encountered and the size of the ranges suggest that statistics are probably reasonable.

### B. Laboratory Blanks - Preparation

The criterion specified in *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1, Upper East Fork Poplar Creek at the Oak Ridge Y-12*

*Plant, Oak Ridge, Tennessee*, is defined as less than the lower reporting limit (< LRL). However, the values below which results are reported as nondetects are actually IDLs. The OU1 project manager verbally approved use of the < IDL rather than < LRL criterion to provide risk analysis personnel with more information about analytes at low levels. However, it must be recognized that the uncertainty associated with very low values can be expected to be substantial.

The LRLs given in the QAPjP are the values given on Form 10 under "CRDL," except for thallium (50 mg/L in QAPjP, usually 30 mg/L on Form 10).
For some analytes, the IDL exceeds the LRL. In this case, a statement is made in the data validation report (DVR) that project reporting limits were not met, and what impacts could result. However, no qualification of data is made.

### C. Field Blanks and Equipment Rinsates

Field blanks and equipment rinsates are considered like laboratory preparation blanks, in that results greater than LRL or IDL (whichever is greater) will result in qualification of positive sample results < 5X the value of the field blank or rinsate. Field blanks and equipment rinsates did not indicate any significant contamination problem.

## V. MATRIX SPIKES

The only significant problem with matrix spike recovery was for niobium. All niobium data are qualified either estimated or unusable. Post-digestion spikes were analyzed for all SDGs. Niobium recovery was acceptable in the post-digestion spikes. No methods of standard additions (MSAs) were reported.

## VI. DUPLICATES

### A. Laboratory Duplicates

Laboratory duplicate precision was generally within the acceptable relative percent difference (RPD) range of 0-20 percent specified in the *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1, Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee*, for analytes for which one or both values were ≥ 5X LRL (or IDL, whichever is greater). For analytes for which one or both values were < 5X LRL (or IDL), the difference was < LRL. Only one sample required qualification for imprecision.

### B. Field Duplicates

Duplicate precision was generally within the acceptable RPD range of 0-20 percent specified in the *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1, Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee*, for analytes for which one or both values were ≥ 5X LRL (or IDL, whichever is greater). For analytes for which one or both values were < 5X LRL (or IDL), the difference

was < LRL. It must be noted that the RPD range in the QAPjP was intended for evaluation of laboratory duplicates. The evaluation of field duplicates adopted the 0-20 percent range as the only criterion that could be referenced.

## VII. LABORATORY CONTROL SAMPLE

NPDES Method 200.7 specifies that a quality control sample (QCS) be analyzed. The laboratory analyzed a laboratory control sample (LCS) instead. A QCS is a standard that has not undergone laboratory processing like a routine sample; an LCS has undergone processing. The method specifies that the recovery of the QCS be 100 ± 5 percent. It can be expected that an LCS will have more variability in recovery than a QCS.

In the determination of how to qualify LCS data, the following path was taken:

A. If recovery was within the NPDES window, no qualification occurred.

B. If the analyte was an NPDES contaminant of concern and was outside the window, the result was qualified estimated; this is the most conservative approach. NPDES monitoring was specified as a project objective in the QAPjP, and it is easier to clear qualified data for use if the regulator allows broader consideration of the limits than to find unqualified unacceptable data, if the regulator does not allow such consideration.

C. If the analyte is not an NPDES contaminant of concern, and is of interest for other project objectives, project limits of 100 ± 20 percent accuracy were considered most applicable and were used instead of 100 ± 5 percent to determine qualification.

Laboratory limits of ± 3s were rarely considered because regulatory and project limits had higher priority. Also, ± 3s reflects process control, but not capability. For instance, niobium was usually within control limits of 50.8-102 mg/L recovered from a 100 mg/L solution (76.5 mg/L central value), but that means project goals are unmet over half the time. See further discussion under Interference Check Standard.

Control charts were submitted for copper (Cu) and beryllium (Be); these indicate the LCS results for those analytes were generally within ± 3s; extreme values and trends occurred but were minimal.

## VIII. INTERFERENCE CHECK STANDARD

The interference check standard (ICS) recovery specified by the method is ± 1.5s. Evaluation was based on ranges supplied by the laboratory. The validators did not have information regarding the statistics upon which the ranges were based. This limit is restrictive, and it can be expected that about 15 percent of data (depending on distribution) from a process in control will still be outside the limits. What was observed for OU1 data, however, is that several analytes (e.g., aluminum, chromium, iron, manganese, zinc) were outside limits at a much higher frequency, even most of the time. This situation indicates that the data points used to develop the limits were insufficiently representative of the population. The concern, therefore, is that qualification of data based on the ICS reflects weaknesses in the limits more

than, or in addition to, in the data. Qualification based on the ICS only occurs for samples with high levels of interferents.

Laboratory limits for ICS recovery are 100 ± 20 percent and are considered secondary for NPDES analytes. All ICS recoveries were within the laboratory limits. These limits would be expected to be suitable for any project objectives other than NPDES monitoring.

One other consideration in the ICS review is whether any false positives or false negatives > |LRL| or |IDL|, whichever is greater, are reported for analytes that are not present in the ICS solution. Occasionally, a data point was qualified as estimated for this reason.

## IX. SERIAL DILUTION

No serious problems were observed for serial dilution percent differences. The laboratory reported all dilutions as serial dilutions, not just the one sample per SDG on which serial dilution was performed as a Quality Control (QC) check. In several instances, a reporting error on the serial dilution form was noted when the dilution took place because an analyte concentration exceeded the instrument linear range: the dilution value for that analyte was reported in both the initial value and dilution value columns.

## X. OVERALL ASSESSMENT

The project has several objectives, of which monitoring NPDES compliance is one. Qualification of NPDES analytical results is based on NPDES requirements; however, much of the data qualified for NPDES purposes need not be qualified for other uses.

Laboratory qualifiers were assigned from CLP software. Because these are not CLP analyses, any "B" qualifiers should be ignored. "U" laboratory qualifiers are applicable and should be entered in the database unless the validation qualifiers indicate otherwise.

### A. Calculations

Calculations were checked by means of entering data on Excel spreadsheets, which performed the calculations, and comparing the results to those of the laboratory for LCS and matrix spike recoveries, as well as for duplicate precision. Field duplicate RPD also was determined by Excel spreadsheets.

### B. Tracking Raw Data to Reported Results

Usually the process of verifying that reported results are consistent with those generated is a simple process of consulting the raw data, perhaps applying a dilution factor, and assuring that the value agrees with the reported value on Form I. For OU1 data, however, the evaluation was much more complex. Instrumentation used by the laboratory does not automatically perform interelement corrections. In addition, most of the SDGs had internal standard corrections applied as well. Therefore, direct comparisons were not possible.

All interelement correction factors were entered into Excel spreadsheets, as were the Y-spike values. For Level D samples only, raw results were also entered. Exact agreement between laboratory values and values calculated during validation was not reached, at least in part as a result of rounding error and differences in when and how many interelement correction factors were utilized. Use of intermediate, laboratory-provided internal standard values sometimes brought closer agreement. A decision was made that agreement of less than 2 RPD is acceptable; analytes with an RPD of 2.0 or greater are noted in Tables 2 and 3. Most RPDs are under 1 percent. The analytes listed in the tables represent approximately 5 percent of the data.

Other possible causes of discrepancies are that the value from an undiluted sample was used when the value from a diluted sample should have been, or the wrong analysis may have been selected for reporting. Data are electronically dumped from the ICP to the software performing the correction calculations, so no transcription errors should be present. The laboratory has had its software validated. The data validator could have made entry errors, but significant differences were rechecked to minimize the possibility.

Although Tables 2 and 3 note the general concentration range of each analyte (last column, notation than the result was less than # X LRL, with # specified, or N, greater than 5X LRL), both the laboratory software and the validator's Excel software started with the same raw data; the application of correction factors is multiplication, so low concentrations theoretically should not affect RPD. However, the information provides a point of reference about how the differences affect reported concentrations.

Table 2. Anomalies in Calculation Checks from Raw Data - Totals Analysis

| SDG | Sample | Analyte | RPD | <5 X LRL? | SDG | Sample | Analyte | RPD | <5 X LRL? |
|---|---|---|---|---|---|---|---|---|---|
| E18856 | E931880061 | Mn | 2.57 | 1 X | E00050 | E933080188 | Al | 5.82 | 2 X |
| | E931900006 | Al | 14.43 | 1 X | | | Cu | 6.50 | 2 X |
| | | Ca | 2.08 | N | | | Fe | 5.77 | 1 X |
| (N) | (N) | Li | 2.69 | 1 X | | | Mg | 5.99 | N |
| E25416 | E932540018 | Al | 4.93 | 2 X | | | Na | 6.07 | N |
| | | Ba | 39.8 | N | (N) | (N) | B | 5.84 | N |
| | | Ca | 17.8 | N | | E933080195 | Al | 2.18 | 2 X |
| | | Cu | 96.7 | 2 X | | | Cd | 2.26 | 1 X |
| | | Fe | 56.5 | 1 X - | | | Ca | 2.33 | N |
| | | Mg | 7.58 | N | | | K | 2.00 | N |
| | | Mn | 197 | 1 X | (N) | (N) | B | 2.09 | N |
| | | K | 5.8 | 3 X | | | Mo | 2.27 | 2 X |
| | | Na | 41.6 | N | E00124 | E933430084 | Cu | 33.0 | 1 X |
| | | Zn | 40.1 | N | | E933430087 | Be | 110 | 1 X |
| (N) | (N) | Li | 7.74 | 1 X | | | Ca | 11.9 | N |
| | | Sr | 14.8 | N | E25416 | E932540019 | Cu | 2.48 | 1 X |
| N27515 | N932750027 | Li | 2.69 | 2 X | | | | | |
| | E932750029 | Cd | 3.19 | 1 X | | | | | |
| (N) | (N) | Mg<br>Na<br>Mo | 163<br>163<br>2.05 | N<br>N<br>3 X | | | | | |

Table 3. Anomalies in Calculation Checks from Raw Data - Dissolved Analysis

| SDG | Sample | Analyte | RPD | <5 X LRL? | SDG | Sample | Analyte | RPD | <5 X LRL? |
|---|---|---|---|---|---|---|---|---|---|
| D18856 | D931880058 | Ca | 2.26 | N | D25416 | D932540019 | Al | 3.13 | 2 X |
| | D931880059 | Tl | 157 | 1 X | | | Ba | 3.30 | N |
| | D931880061 | Tl | 192 | 1 X | | | Ca | 2.78 | N |
| (M) | (M) | Li | 2.42 | 1 X | | | Mg | 3.17 | N |
| | M931900006 | Li | 2.56 | 1 X | | | K | 3.221 | 3 X |
| D22353 | D932230055 | Al | 23.6 | 1 X | | | Na | 3.09 | N |
| D25416 | D932540017 | Cu | 2.82 | 1 X | | | Zn | 3.10 | N |
| | D932550018* | Al | 3.75 | 2 X | (M) | (M) | B | 2.82 | 2 X |
| | | Ba | 41.0 | N | | | Sr | 3.13 | N |
| | | Ca | 17.6 | N | D27515 | D932750029 | Cu | 2.25 | 1 X |
| | | Cu | 113 | 2 X | D00050 | D933080188 | Mn | 4.83 | N |
| | | Mg | 8.37 | N | D00124 | D933430082 | Fe | 2.08 | 1 X |
| | | K | 5.06 | 3 X | | | Zn | 2.55 | 1 X |
| | | Na | 43.1 | N | (M) | D933430087 | Al | 3.88 | 1 X |
| | | | | | | | Ba | 3.61 | N |
| | | | | | | | Cd | 3.71 | N |
| | | | | | | | Ca | 13.6 | N |
| | | | | | | | Co | 3.71 | 3 X |
| | | | | | | | Fe | 3.51 | 1 X |
| | | | | | | | Mg | 3.69 | N |
| | | | | | | | Mn | 3.53 | N |
| | | | | | | | Ni | 3.35 | N |
| | | | | | | | K | 3.72 | N |
| | | | | | | | Na | 3.68 | N |
| | | | | | | | Zn | 3.73 | 3 X |
| | | | | | | (M) | B | 4.02 | N |
| | | | | | | | Li | 3.40 | 1 X |
| | | | | | | | Sr | 3.44 | N |
| | | Zn | 40.3 | N | | | | | |
| | | B | 58.0 | N | | | | | |
| (M) | (M) | Li | 11.0 | 1 X | | | | | |
| | | Sr | 16.4 | N | | | | | |

*Laboratory may have reported 9540018 at 16:20 instead of 9550018 at 16:07

Another observation is that although Be nondetects are reported as 0.1 mg/L U (the IDL), calculation checks indicate that the value should be 0.4 mg/L U (e.g., SDG E18856, sample E931880058). This is true for most Be results. The same observation can be made almost as often for silver results, for which calculated results up to 10.4 mg/L (SDG E292015, sample E932920022) were reported as 3.2 mg/L U. A calculated result for copper of 6.4 mg/L was reported as 2.0 mg/L U (SDG D292015, sample D93290030).

**C. Package Problems with Dilutions and Concentrations**

Reporting of values from dilutions was sometimes erroneous. When a sample exceeded the linear range, sometimes the value from the dilution was reported on the serial dilution form as the initial value. Other times, the value from the dilution was not reported at all, even though it should have replaced the value from the undiluted sample on Form I. Correct values are annotated on the validated Form Is and should be entered in the data base.

Form XIIIs indicate that 100 ml of sample were taken per sample. This is not correct, and is reported as 100 ml because of limitations in the laboratory software or its application. The laboratory actually took 500 ml of sample and concentrated it to 100 ml. The raw data printout already has the concentration factor applied. The only time the concentration process affects the data is that the yttrium used as an internal standard does not have the concentration factor applied, and the effective linear range is only 0.2X the range indicated on Form XII.

**D. Problems with Numbering System**

The ELIMS sample ID number could not be used in some programs, and a shortened number was used. In most cases, the corresponding numbers were identified on the batch sheet, cover sheet, or elsewhere in the package. In some cases, however, the ELIMS numbers were not identified.

# SUMMARY OF VOLATILE (VOA) AND SEMIVOLATILE (SVOA) ORGANICS IN WATER USING GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)

A discussion of problems identified during the validation of the VOAs and SVOAs is discussed below. Several of the items address agreements made between the laboratory and the technical support of the project, G. Joe Pardue, Jr., and used by the validators as acceptance criteria.

Guidelines were established for the UEFPC OU1 project and were followed when possible. Those guidelines were based on the *National Functional Guidelines for Organic Data Review* and were modified to address analysis by EPA Methods 624 (VOAs) and 625 (SVOAs) instead of CLP SOW.

In a few cases, CLP and NPDES methods differ enough that professional judgment must determine the course of action for particular issues. In addition, the *Quality Assurance Project Plan for Dry Weather Surface Water and Sediment Sampling at Operable Unit 1, Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee* (QAPjP) may have additional requirements that must be evaluated. The following note is a general consideration of which the data user should be aware. Additional items (method specific) can be found in the particular sections discussed in this report.

- If NPDES methods specified that a particular QC sample type be analyzed, but did not provide acceptance limits, CLP limits were used (based on guidance of project technical support, G. Joe Pardue). If CLP limits were not available, the limits in the UEFPC OU1 QAPjP were used.

Overall observations about the data, and specific validation issues that were identified during the course of the validation are discussed below.

## I. DATA DELIVERABLES

All deliverables were generally included in the data packages. The laboratory supplied material omitted from data packages, as well as additional information, upon request through the use of action items. This additional information has been compiled separately and is not present in the data packages. Action items are available to be reviewed if necessary, but will be maintained by AESG.

It must be noted that for the VOA analysis, several samples were analyzed for acrolein and acrylonitrile, which were not included in the QAPjP as target analytes. In addition, the laboratory did not always analyze for 1,2-dichlorobenzene, 1,3-dichlorobenzene and 1,4-dichlorobenzene. The validator does not mention these facts in the individual narratives, as the arrangements between the project and the field sample team changed throughout the course of the project.

## II. TECHNICAL HOLDING TIMES

The maximum allowable holding time was met for all samples. Holding times for VOAs in water, which have been preserved with hydrochloric acid (HCl) and refrigerated at four degrees Celsius, is 14 days until analysis. Holding times for SVOAs in water, which have been refrigerated at four degrees Celsius, is 14 days until extraction, and 40 days until analysis. Verification documentation

for pH checks was not requested as a deliverable and was not included on the chain of custody (COC). The only proof of preservation of VOAs with HCl is in the field logbooks and case narratives for each VOA package. The laboratory stated that VOA sample pH was checked prior to analysis and only deficiencies were noted. Therefore, lack of notation in the case narrative implies a correct pH reading. Very few samples were analyzed outside of seven days, which is the holding time for water VOA samples which have not been preserved with HCl. The information obtained provided satisfactory proof to the validators that a process for identifying unpreserved samples was in place.

## III. INSTRUMENT TUNE

Instruments were tuned using bromofluorobenzene (BFB) for VOA analyses and decafluorotriphenylphosphine (DFTPP) for SVOA analyses.

Since there are no forms for EPA methods, the laboratory used CLP reporting forms. The ion abundance criteria provided on Form V were for CLP 3/90 methodologies, however, the criteria for methods 624 and 625 were typically met.

The laboratory failed to meet SVOA EPA Method 625 tune abundance criterion for ion 443 (17-23 percent of ion 442) in two of the SDGs (E27515 and E00081). Ion 443 is referred to as a critical ion in the *National Functional Guidelines for Organic Data Review*, which means the ability of this ion to meet acceptance criterion is critical to the reliability of the data produced. Of the data validated, only one tune failed to meet CLP acceptance criteria (due to the failure of ion 443 to meet abundance criterion). EPA Method 625 (SVOA) is very similar to CLP, insofar as the tune and calibration of the GC/MS; therefore, although all samples in SDG E27515 and one sample in SDG E00081 were qualified as estimated detected, "J," with nondetects rejected, "R," these samples should be considered valid for uses other than NPDES work.

## IV. INITIAL AND VERIFICATION CALIBRATIONS

Initial and continuing calibration checks were generally well within limits. Particular problems were identified in the VOA analysis. Methods 624 (VOAs) and 625 (SVOAs) do not include minimum acceptance criteria for average relative response factors (RRFs); therefore, validators adopted CLP acceptance criteria (0.05). Bromodichloromethane and 2-chloroethylvinyl ether were qualified as either estimated detected, "J," or rejected, "R," for nondetects in several samples due to the laboratory's failure to meet a minimum acceptance criterion of 0.05. It must be noted that the laboratory met all contractual obligations in this matter. A small amount of samples were qualified due to initial calibration percent relative standard deviation (%RSD) and continuing calibration percent difference (%D) exceedance. In addition, it must be noted that method 624 does not include ketones (i.e., acetone, 2-butanone, etc.) and therefore these compounds had no acceptance criteria. Based on professional judgment and guidance provided by technical support (G. Joe Pardue, Jr., of the APO), the validator used the acceptance criteria outlined in the *National Functional Guidelines for Organic Data Review* to assess these compounds.

## V. BLANKS

Contamination in blanks (laboratory or field blanks, including equipment rinsates) was evident throughout the review of the VOAs and SVOAs. VOA contamination was usually acetone or another common laboratory contaminant. SVOA contamination was typically common phthalate contamination such as bis(2-ethylhexyl)phthalate, or aldol condensation products, such as 4-hydroxy-4-methyl-2-pentanone. Most blank contamination was found to be tentatively identified compounds (TICs).

## VI. LABORATORY CONTROL SAMPLE

Laboratory blank surrogates were used to assess the recoverability of each method in an ideal matrix. There were no significant recovery problems with the LCS; however, the laboratory has a practice of including other information on control charts (including sample surrogate results) on control charts. This practice does not provide additional information, and reduces the information that can be assessed based on a blank surrogate. Therefore, in most instances, the validator was not able to assess trends, biases, cyclic patterns, etc., due to poor control charting practices of the laboratory.

## VII. SURROGATES

The laboratory, validator and project technical support (G. Joe Pardue, Jr.) made an agreement at the beginning of the project concerning surrogates. Methods 624 and 625 do not provide acceptance criteria for surrogate compounds, therefore, CLP limits were agreed upon. One surrogate (fluorobenzene) used by the laboratory for the 624 VOA analysis is not a CLP surrogate; therefore, this analyte was assessed using internal laboratory limits, as well as the accuracy limits outlined in the QAPjP (50-150 percent). There were no significant problems with surrogate recoveries.

## VIII. MATRIX SPIKES

Matrix spike/matrix spike duplicate accuracy and precision was generally acceptable in the data packages. Data were reviewed against criteria outlined in the associated method. It must be noted that ketones (such as acetone and 2-butanone) are not included in method 624 for VOAs; therefore, the validator used the limits outlined in the QAPjP as an assessment tool.

## IX. DUPLICATES

Filed duplicate precision was not specified in the QAPjP; therefore, data are not qualified based on field duplicates. Assessment of precision based on field duplicates is included in the PARCC study.

## X. COMPOUND IDENTIFICATION

One problem noted in compound identification was with TICs. The laboratory made some identifications that were questionable (such as distinguishing between two coeluting TICs), which

are typically labeled with a generic term such as "unknown alkane," or "unknown hydrocarbon." Since TICs are rejected, "R," or qualified as "JN" for the presumptive evidence of a compound at a tentative identification, this is not a major problem.

Another problem noticed in compound identification was the occasional use of a quantitation ion different from what is recommended by the method (e.g., use of ion 127, rather than the recommended 83). The laboratory was consistent in its use of ion 127 in the calibration; therefore, there is not a technical problem. The laboratory should include all discrepancies such as this one in the case narrative of the data package.

There were also repeated problems with laboratory qualifiers. The laboratory consistently used an "X" qualifier, with no explanation in the case narrative. Also, the laboratory consistently flagged values above the contract required quantitation limit (CRQL) with an estimated, J," qualifier, which is to be used when the sample value is below the CRQL of 10 ug/L. This did not impact data quality and data were not qualified based on this problem.

## XI. COMPOUND QUANTITATION AND REPORTED CONTRACT REQUIRED QUANTITATION LIMITS (CRQLs)

Compound quantitation and CRQLs were verified for both method 624 (VOAs) and 625 (SVOAs). Two SVOA analytes: 2-nitroaniline and 2,4,5-trichlorophenol had CRQLs of 25 listed in the QAPjP, but reported with a CRQL of 10 on Form I SVOA. The laboratory indicated that it could see down to 10 mg/L, as it reported on its Form I for SVOAs. This was not deemed a problem and data were not qualified based on this discrepancy.

## XII. OVERALL ASSESSMENT

The project has several objectives, one of which is monitoring NPDES compliance. The validator qualified based on NPDES requirements; however, qualifications should be reviewed for work other than NPDES, which has the most stringent requirements. Certain analytes were qualified based on professional judgment, due to the lack of NPDES method guidance on an issue. All professional judgment was approved by the project technical support, G. Joe Pardue, Jr.

Overall quality of the GC/MS VOA and SVOA analyses is considered good. The only unusable target compound data were the analytes bromodichloromethane and 2-chloroethylvinylether (VOAs). Nondetected results for these two analytes were rejected in some samples due to the laboratory's failure to meet minimum average RRF criterion in the calibration. It must be noted that the laboratory met contractual obligations in this matter.

# SUMMARY OF RADIOCHEMICAL ANALYSES

The following information is a summary of problems identified in the radiochemical analyses performed for UEFPC OU1 project. The laboratory analyzed for gross alpha and gross beta using a gas flow proportional counter, isotopic and total uranium using isotopic dilution mass spectrometry, radium using a gas flow proportional counter, and a full gamma scan using a gamma spectrometer. The following sample delivery groups were submitted to AESG for Levels C and D validation: E00050, E00124, E18856, E22353, E25416, E27515, and E292015.

## I. DATA DELIVERABLES

All deliverables were generally included in the data packages. The laboratory supplied material omitted from data packages, as well as additional information, upon request through the use of action items. This additional information has been compiled separately and is not present in the data packages. Action items are available to be reviewed if necessary, but will be maintained by AESG.

SDG E22353 does not contain a complete COC. Without a complete COC, some problems may arise during litigation. No data qualification is required.

## II. TECHNICAL HOLDING TIMES

Technical holding time limits were not surpassed in any of the SDGs. Some SDGs did not have proof of acidic sample preservation. Validation guidelines require qualification of samples with no record of preservation; however, the laboratory analyzed the samples within a few days of sample receipt and the significance of acid preservation is reduced. No samples were qualified based on holding times.

## III. INITIAL INSTRUMENT CALIBRATION

Initial calibration data provided by the laboratory was one of the weakest spots in the data packages. The lack of coherent and complete initial calibration data led to the qualification of all uranium data as estimated detected, "J," or estimated nondetected, "UJ," and the qualification of all gross alpha beta data as estimated detected, "J," with nondetects qualified as unusable, "R." Initial calibration data problems were also a factor in the decision to qualify all radium data as unusable, "R."

## IV. DAILY INSTRUMENT PERFORMANCE CHECK

Performance checks were performed as required. In most cases, there were no problems with the performance check section of the data packages. The laboratory provided the required information for all packages.

The laboratory plots all control charts with the process mean. The use of process mean instead of results obtained from the initial calibration makes the control charts difficult to utilize completely. However, the reviewer knew the spiking amount and assessed laboratory performance on spike recoveries. No data were qualified due to the control charts.

The laboratory does not monitor alpha into beta crosstalk for the radium or gross alpha beta analysis. The beta into alpha crosstalk is not reported for the radium analysis, as required. It is possible to reconstruct this crosstalk from the raw data included in the packages. No problems were found. Without complete crosstalk information, the gross alpha beta and radium analysis are qualified as estimated detected, "J," estimated nondetected, "UJ."

## V. BACKGROUND DETERMINATION

Background determinations were run as required. The laboratory uses the method blank results for background subtraction, instead of the instrument background results. Though this is not a common procedure, it poses no problems for the data.

## VI. SAMPLE RESULTS

In most cases, sample results did not lead to data qualifications. There are no consistent calculation errors, and those discovered are insignificant. The laboratory supplied all required deliverables.

## VII. BLANK RESULTS

All required method blanks were run by the laboratory. These blanks were used for background subtraction. None of the blanks showed significant contamination problems. No data are qualified due to the method blanks. There were no problems with field blank contamination found.

## VIII. LABORATORY CONTROL SAMPLES

LCSs were run for the gross alpha beta, uranium, and radium analyses. No LCS were required for the gamma analysis. The laboratory's criterion for the rejection of a control sample were set at ± 3s of the process mean. This would have been better set against the true value. These limits allow for considerable variation in the LCS results. LCS results often differ from the process mean by more than 20 percent, but are within the 3s limits.

During validation, acceptance limits of 80 and 120 percent (those identified in the QAPjP) were used to assess the LCS. In many cases, the use of these limits resulted in data qualifications.

The primary consideration in the rejection of the radium data was the fact that nearly all LCSs were well outside of acceptable limits. This, coupled with extensive initial calibration problems and questions about the method (the absence of yttrium carrier recovery information), resulted in all radium data being qualified as unusable, "R."

## XI. DUPLICATES

Duplicate samples are prepared for all methods. The preparation and analysis of the duplicates was done correctly. Duplicates were considered acceptable if both duplicates were over the MDA and the RPD was than 20 percent (the limit outlined in the QAPjP) or if one duplicate (or both) was below the MDA and the results were within ± 2 MDA. Some duplicates with large RPD values are considered acceptable by the validators because the error ranges on the activities overlapped.

In general, field duplicates were acceptable. Some field duplicates had activities above 20 percent, but this value is for laboratory duplicate samples. Data are not qualified based on field duplicate samples.

## XII. CARRIER RECOVERY

Carrier recovery (barium) is reported only for the radium analysis. Only a few samples were qualified due to low barium recovery. There is some question as to why the yttrium carrier recovery was not reported and used in the radium activity calculations. This is another problem with the radium data and an additional reason for its rejection by the validator.

## XIII. MATRIX SPIKES

Matrix spikes were not run for any analysis. The laboratory compensated for matrix effects using mass attenuation curves produced for the gross alpha beta and radium analyses. This had no impact on the data since all data are qualified due to other problems. Gamma analysis does not require a matrix spike.

## XIV. OVERALL ASSESSMENT

Only the gamma analyses can be considered generally free of errors. The radium, gross alpha beta, and (to a lesser extent) uranium analyses are plagued with more widespread problems. Most of these problems deal with deficiencies in the initial calibration data provided.

The radium analysis is a special case. The entire method is questionable.. All radium data are qualified as unusable, "R."

# SUMMARY OF PRECISION, ACCURACY, REPRESENTATIVENESS, COMPLETENESS AND COMPARABILITY (PARCC)

PARCC parameters are evaluated to determine if data quality objectives (DQOs) for a project have been satisfied. The validators used quality control (QC) samples to assess accuracy and precision for the project.

According to the QAPjP, accuracy of the total sampling and analytical measurement process could not be determined since this would require the addition of spiking compounds in the field. The report that follows describes the information used to make the PARCC assessment as well as conclusions about whether the DQOs of the project were satisfied. The PARCC summary was performed on parameters, rather than specific analytes, as is outlined in the QAPjP.

It must be noted that the PARCC summary which follows is based on data validated by AESG, with the exception of field duplicate sample comparisons. .Since field duplicate samples were not always included in the SDG AESG was validating, the project manager of the UEFPC project delivered Form Is to AESG for field precision determinations; these duplicates were not validated by AESG. Attempts to use the information that follows to evaluate the entire project should take this into consideration.

## A. PRECISION

Precision is a measure of the agreement or repeatability of a set of replicate results obtained from duplicate analyses made under the same set of conditions. Precision was determined using replicate analyses (laboratory and field duplicates and matrix spike/matrix spike duplicates) in accordance with analytical method and QAPjP requirements. Field duplicate analyses should provide information about the precision of the total sampling and analytical process, while laboratory and matrix spike/matrix spike duplicate results will give an indication of the laboratory's precision. There are no field replicate sample limits provided in the QAPjP; therefore, inclusion of results for field replicates is for review purposes only. The results of the replicate analyses were used to calculate RPD as follows:

$$RPD = [(|S-D|)/\{(S+D)/2\}] * 100$$

Where:

S = Sample concentration
D = Duplicate concentration

1. Inorganic and Wet Chemistry Precision Results

For all inorganic and wet chemistry analyses the RPD calculation was used to determine the precision between duplicate analyses with results greater than 5X LRL. For samples which had results < 5X LRL the criterion was ± LRL. For reasons of consistency, any sample that had both results < IDL was reported as having an RPD = 0. Samples with only one result < IDL were evaluated against the 5X LRL rule.

a. Laboratory Precision

Laboratory precision was determined through the use of the laboratory duplicate sample and the matrix spike/matrix spike duplicate. The aluminum results (29.9 RPD) (dissolved) and lead results (47.1 RPD) (total) were outside acceptance criterion outlined in the QAPjP (± 20 RPD). All wet chemistry analyses were within their respective limits outlined in the QAPjP. There were no limits established for BOD, TDS and TSS, but precision was within ± 20 RPD.

b. Field Precision

Field precision was determined based on results obtained from the field duplicate samples. There were no field precision limits outlined in the QAPjP; therefore, this assessment is for data use purposes only. Manganese (20.8 RPD) and boron (total) (27.7 RPD) along with aluminum (24.4 RPD), boron (25.9 RPD) and lithium (23.3 RPD) (dissolved) were outside acceptance criterion (± 20 RPD) for laboratory duplicates outlined in the QAPjP. TOC (52.6 RPD), chloride (34.8 RPD), nitrate (39.0 RPD) and sulfate (24.3 RPD) were also outside of the acceptance criterion. Field duplicate precision for BOD, TDS and TSS, was within the limits of ± 20 RPD. TOC results were consistently above ± 20 RPD in all SDGs, excluding E00050, validated by AESG. Chloride precision failure can be linked to SDGs E18856 and E25416, which had RPDs of 56.7 and 99 respectively. Nitrate precision failure can be linked to SDGs E25416, E27515 and E292015, which had RPDs of 122.8, 62.9 and 70.3 respectively. Four sulfate SDGs contributed to its failure, with the largest RPD being 45 in SDG E00124.

2. Organic Data Precision Results

Laboratory precision for organic data was assessed based on limits outlined in the QAPjP. Since laboratory duplicate samples are not run for organic analyses, matrix spike/matrix spike duplicate results are used to assess laboratory precision. For organic analyses, precision limits outlined in the QAPjP are as follows:

| | |
|---|---|
| Volatile Organics (VOAs): | ± 25 RPD |
| Semivolatile Organics (SVOAs): | ± 70 RPD |
| Pesticides/PCBs: | ND (Not Determined) |

a. Laboratory Precision

Laboratory precision for VOAs was 4.6% for all of the MS/MSD results included in the data validated by AESG. VOA laboratory precision met the project requirement outlined in the QAPjP. SVOA laboratory precision for the project was 8.9%, which is well within the limits outlined in the QAPjP. Pest/PCB laboratory precision was 7.7%, with limits not specified in the QAPjP. According to the criteria outlined in the QAPjP, the laboratory met precision requirements for all organic analyses.

b. Field Precision

There are no field precision limits outlined in the QAPjP; therefore, this assessment is for data use purposes only. VOA field precision for the project was 45.9%, based on 10 analytes which were found in both the original sample and the field duplicate sample. It must be noted that an RPD of 175 for acetone in samples E933200197 and E933200208 was used in the calculation of the field precision, even though sample E933200208 was not validated by AESG. SVOA field precision for the project was 0%, as no analytes were found in both the original and duplicate samples. No target compounds were identified in the Pest/PCB samples; therefore, precision limits could not be determined for this parameter.

3. Radiochemical Precision Results

Radiochemical precision was assessed using laboratory and field duplicate samples. The limit outlined in the QAPjP (± 20 RPD) was used as a guide for laboratory duplicate samples with activity levels of 5 pCi/L and above (excluding total and isotopic uranium, which were not held to the 5 pCi/L activity limit).

a. Laboratory Precision

Laboratory precision for radiochemical analyses were not always met. For gamma analyses, the laboratory precision for the project was 49.0%, which does not meet the limit outlined in the QAPjP. A possible explanation for failure of the gamma analyses to meet precision limits is the use of activities near the MDA. Since these values are lower, the precision range will be larger. Laboratory precision for the gross alpha and gross beta analyses met QAPjP criterion (± 20) at 16.3% and 4.3%, respectively. Total uranium and percentage U-235 values were within precision limits outlined in the QAPjP (± 20) at 1.4% and 11.0% respectively. All radium values were rejected and, therefore, no precision was calculated.

b. Field Precision

There are no limits for field precision included in the QAPjP; therefore, all field precision results are presented for information purposes only. Field precision results were as follows: gamma analyses, 71.5%; gross alpha, 67.0%; gross beta, 42.8%; total uranium, 38.0%; and percent U-235, 7.5%.

## B. ACCURACY

Accuracy measures the agreement between a measured value and an accepted reference value or true value. Spiked samples or blanks were used to assess the accuracy of the analytical method and/or the laboratory analysis. Recoveries of spikes for samples and blanks were calculated as follows:

$$\text{Spike \%R} = ( F / T ) * 100$$

Where:

| | | |
|---|---|---|
| F | = | Found concentration |
| T | = | True Concentration |

The calculation used to determine the %recovery for matrix spikes/matrix spike duplicates was:

$$\text{MS/MSD \%R} = (( SSP - S ) / SP ) * 100$$

Where:

| | | |
|---|---|---|
| SSP | = | Spiked sample concentration |
| S | = | Unspiked sample concentration |
| SP | = | Spike added |

The laboratory's ability to properly calibrate the instrument of interest plays a significant role in determining whether the results are accurate. Calibrations were generally acceptable for all analyses, with some deficiencies noted in the wet chemistry and radiochemical determinations.

Wet chemistry calibrations did not always meet minimum acceptable correlation coefficient criterion of 0.995, but other QC (such as LCS information) indicated that results were acceptable.

Radiochemical analyses had the biggest problems with calibration, most of which resulted from lack of documentation. All radium data were rejected as a result of poor calibration documentation

(as well as other problems). Uranium and gross alpha/beta data were estimated, with nondetects for gross alpha/beta rejected based on initial calibration. The accuracy of these methods should be considered questionable.

Occasionally, a volatile or semivolatile organic analyte failed initial calibration requirements, which required detected compounds to be estimated and nondetected compounds to be rejected. In addition, four semi-volatile organic instrument tunes failed NPDES acceptance criteria and data were qualified as a result. While initial tune and/or calibration failures are significant, the overall accuracy of the organic data should be considered acceptable.

1. Inorganic and Wet Chemistry Accuracy Results

Accuracy for inorganic and wet chemistry data was assessed using LCSs and Matrix spikes.

a. Laboratory Control Sample Assessment

For the LCS accuracy assessment, all analytes were within acceptance criterion (80-120%) outlined in the QAPjP, except niobium (total 74.2% and dissolved 73.0%). Alkalinity, BOD, conductivity, TDS and TSS did not have acceptance criteria specified in the QAPjP. All of these analyses were within the limits of 80-120%, except for conductivity (135.5%). The conductivity result was from a single analysis in the first SDG of the project. All other conductivity results were analyzed in the field and were not validated. Niobium results had several SDGs below criterion, which is indicative of a recovery problem.

b. Matrix Spike Assessment

Regarding the laboratory spike, alkalinity, BOD, conductivity, TDS and TSS have no limits established in the QAPjP since samples for these analyses are very difficult to spike. The laboratory did not analyze a spike for Ca, Mg, K or Na.

The laboratory consistently spiked too small of an amount into the samples for the anion analyses by EPA 300.0.

Niobium recoveries (total 66% and dissolved 66.7) were outside acceptance criterion (80-120%) outlined in the QAPjP, along with TOC (78.0%), chloride (182.0%), bromide (laboratory did not analyze as a spike), nitrite (148.5%), nitrate (74.3%), sulfate (0.7%) and fluoride (78.4%). Many of the wet chemistry parameters (such as bromide) were not spiked in all of the SDGs, so the average %recovery is an average of available results. Niobium appears to be a problem for the laboratory, as MS and LCS results were consistently low. TOC values were typically below acceptance criterion, with only two SDGs having recoveries within limits (E18856 at 104.9 and E00124 at 115.9%). Chloride results fluctuated anywhere from -1986.7% in SDG25416 to 498% in SDG E27515. Nitrite results were biased by the 330.7% recovery in SDG E27515. Nitrate

results were biased significantly by SDG E22353 which had a recovery of -930.0%. Sulfate results were biased due to the -1023.7% recovery in SDG E25416. Finally, fluoride was biased due to the 5.0% recovery in SDG E18856.

2. Organic Accuracy Results

Organic accuracy was assessed using surrogate spikes and matrix spikes/matrix spike duplicates. Surrogate compounds are spiked into all samples, blanks and matrix spikes/matrix spike duplicates. Since other analytes are spiked into the matrix spike/matrix spike duplicate mixtures, they are assessed in addition to the surrogate compounds. Pesticide/PCB sections include information for primary and secondary columns when applicable; column designations are labeled by placing a 1 or 2 after the surrogates used as follows: decachlorobiphenyl 1 and 2 and tetrachlorometaxylene 1 and 2. For organic analyses, the accuracy limits outlined in the QAPjP were as follows:

| | | |
|---|---|---|
| Volatile Organics (VOAs): | 50-150% | |
| Semivolatile Organics (SVOAs): | DL-140% | (DL = Detection Limit) |
| Pesticides/PCBs: | ND | (Not Determined) |

a. Laboratory Control Sample Assessment

Surrogate spike recoveries for laboratory blanks (LCSs) were as follows: VOAs, bromofluorobenzene had an average accuracy of 100.0%, 1,2-dichloroethane-d4 had an average accuracy value of 94.5%, and fluorobenzene had an average accuracy value of 100.8% in the LCS; SVOAs, 1,2-dichlorobenzene-d4 had an average accuracy value of 82.0%, 2,4,6-tribromophenol had an average accuracy value of 77.8%, 2-chlorophenol-d4 had an average accuracy value of 74.8%, 2-fluorobiphenyl had an average accuracy value of 87.3%, 2-fluorophenol had an average accuracy value of 67.7%, nitrobenzene-d5 had an average accuracy value of 90.8%, phenol-d5 had an average accuracy value of 71.7%, and terphenyl-d14 had an average accuracy value for the LCS of 95.7%; Pest/PCBs, decachlorobiphenyl 1 had an average accuracy value of 96.77%, decachlorobiphenyl 2 had an average accuracy value of 95.0%, tetrachlorometaxylene 1 had an average accuracy value for the LCS of 68.2%, tetrachlorometaxylene 2 had an average accuracy value for the LCS of 72.0%. All LCS values met accuracy limits outlined in the QAPjP for this project.

b. Sample Surrogate Spike Recovery Assessment

Surrogate spike recoveries for samples were as follows: VOAs, bromofluorobenzene had an average accuracy of 100.2%, 1,2-dichloroethane-d4 had an average accuracy value of 95.3%, and fluorobenzene had an average accuracy value of 100.2%; SVOAs, 1,2-dichlorobenzene-d4 had an average accuracy value of 81.8%, 2,4,6-tribromophenol had an average accuracy value of 72.3%, 2-chlorophenol-d4 had an average accuracy value of 71.2%, 2-fluorobiphenyl had an average accuracy value of 81.1%, 2-fluorophenol had an

average accuracy value of 63.6%, nitrobenzene-d5 had an average accuracy value of 84.8%, phenol-d5 had an average accuracy value of 69.9%, and terphenyl-d14 had an average accuracy value of 74.7%; Pest/PCBs, decachlorobiphenyl 1 had an average accuracy value of 85.8%, decachlorobiphenyl 2 had an average accuracy value of 87.9%, tetrachlorometaxylene 1 had an average accuracy value of 75.2%, tetrachlorometaxylene 2 had an average accuracy value of 83.9%. All values met accuracy limits outlined in the QAPjP for this project.

c. Matrix Spike/Matrix Spike Duplicate Surrogate Spike Assessment

Surrogate spike recoveries for MSs were as follows: VOAs, bromofluorobenzene had an average accuracy of 98.1%, 1,2-dichloroethane-d4 had an average accuracy value of 99.3%, and fluorobenzene had an average accuracy value of 99.6% in the MSs; SVOAs, 1,2-dichlorobenzene-d4 had an average accuracy value of 85.3%, 2,4,6-tribromophenol had an average accuracy value of 71.3%, 2-chlorophenol-d4 had an average accuracy value of 80.6%, 2-fluorobiphenyl had an average accuracy value of 85.9%, 2-fluorophenol had an average accuracy value of 70.6%, nitrobenzene-d5 had an average accuracy value of 92.0%, phenol-d5 had an average accuracy value of 82.0%, and terphenyl-d14 had an average accuracy value of 72.6% in the MSs; Pest/PCBs, decachlorobiphenyl 1 had an average accuracy value of 85.1%, decachlorobiphenyl 2 had an average accuracy value of 85.2%, tetrachlorometaxylene 1 had an average accuracy value for the MSs of 76.8%, tetrachlorometaxylene 2 had an average accuracy value for the MSs of 79.7%. All surrogate values in the MSs met accuracy limits outlined in the QAPjP for this project.

Surrogate spike recoveries for MSDs were as follows: VOAs, bromofluorobenzene had an average accuracy of 99.0%, 1,2-dichloroethane-d4 had an average accuracy value of 98.0%, and fluorobenzene had an average accuracy value of 100.1% in the MSDs; SVOAs, 1,2-dichlorobenzene-d4 had an average accuracy value of 85.4%, 2,4,6-tribromophenol had an average accuracy value of 66.0%, 2-chlorophenol-d4 had an average accuracy value of 76.0%, 2-fluorobiphenyl had an average accuracy value of 82.1%, 2-fluorophenol had an average accuracy value of 68.1%, nitrobenzene-d5 had an average accuracy value of 87.6%, phenol-d5 had an average accuracy value of 82.0%, and terphenyl-d14 had an average accuracy value of 69.4% in the MSDs; Pest/PCBs, decachlorobiphenyl 1 had an average accuracy value of 86.2%, decachlorobiphenyl 2 had an average accuracy value of 85.2%, tetrachlorometaxylene 1 had an average accuracy value for the MSDs of 76.3%, tetrachlorometaxylene 2 had an average accuracy value for the MSDs of 76.7%. All surrogate values in the MSDs met accuracy limits outlined in the QAPjP for this project.

d. Matrix Spike/Matrix Spike Duplicate Assessment

MS/MSD recoveries were averaged for each parameter (i.e. not analyte specific) for the entire project. The following recoveries represent the averages: VOAs, MS value 99.1%, MSD value 99.4%; SVOAs, MS value 83.5%, MSD value 81.2%; Pest/PCBs, MS value 97.4%, MSD value 100.9%. The average of all MS/MSD values for each parameter met accuracy requirements outlined in the QAPjP.

3. Radiochemical Data Accuracy Results

Radiochemical accuracy results were assessed using the LCS. Limits for radiochemical accuracy outlined in the QAPjP are as follows:

| | |
|---|---|
| Gross Alpha: | 80-130% |
| Gross Beta: | 80-120% |
| Isotopic and Total Uranium: | 85-115% |
| Radium: | 80-120% |
| Gamma Spectroscopy: | 80-120% |

Radium data were rejected and no accuracy calculations were performed on this parameter. Gamma analyses do not analyze LCSs and, therefore, is not included in this assessment. Gross alpha LCS results met QAPjP criterion at 101.0% for the project. Gross beta data met QAPjP criterion at 118.3%. LCS recoveries for isotopic and total uranium met QAPjP criterion at 99.6 and 99.5% respectively for the project.

## C. REPRESENTATIVENESS

Representativeness is defined in the QAPjP as the degree to which discrete samples accurately and precisely reflect a characteristic of a population, variations at sampling location, or an environmental condition. Representativeness is a qualitative measurement, which reflects the efficacy of the sampling plan design. Representativeness is of particular concern for the UEFPC project, since only a percentage of all data collected was validated; therefore, an estimation of whether data validated by AESG is representative of the entire population of data collected must be discussed. Representativeness was satisfied by the project through careful, informed selection of sampling sites and analytical parameters, and through the proper collection and handling of samples.

Overall concerns about representativeness of the data center around radiochemical analyses, in particular radium, which had major calibration problems. Most analyses had minimal problems and the problems were typically consistent in all SDGs; therefore, data validated by AESG should be considered representative of the entire population (i.e. radium data should be rejected for the project if the analysis was consistent throughout the project).

## D. COMPLETENESS

Completeness is the percentage of useable data points versus the total number of data points. A completeness of 90 percent was outlined in the QAPjP for this project.

For the inorganic and wet chemistry parameters, only ammonia failed to meet the percent completeness criterion at 83.9%, due to initial calibration problems. The overall completeness for all wet chemistry and inorganic analyses validated by AESG was 99.8%.

Completeness for the VOAs was 97.7%, well within the limits outlined in the QAPjP. Completeness for the SVOAs was 71.1, which did not meet the criterion in the QAPjP. The primary reason SVOAs failed to meet acceptance criterion for completeness was due to SDGs 27515 and 00050, which had most nondetected compounds rejected due to instrument tune criteria failure. It should be noted that these values were rejected based on NPDES acceptance criteria and completeness for the project would have been significantly increased if CLP acceptance criteria for the instrument tune would have been used as the assessment tool. NPDES EPA Method 625 is very similar to the CLP method for the evaluation of SVOAs.

Completeness for the pesticides/PCBs was 100.0%, as no data were rejected.

Completeness for the radium data was 0.0%, as a result of rejection of all radium data. Completeness for isotopic and total uranium and gamma analyses for the project was 100.0%, as no data were rejected for these parameters. Gross alpha/beta completeness was 35.0% for the project. Gross alpha/beta data did not meet acceptance criterion outlined in the QAPjP, due to several nondetected compounds being rejected by the validator.

## E. COMPARABILITY

Comparability is defined in the QAPjP as the extent to which comparisons among different measurements of the same quantity or quality will yield valid conclusions. The comparability of these data is important, since the project wishes to use these data for several purposes. The comparability of UEFPC data for future uses should be considered good, with the exception of the radiochemical results, radium in particular. Radiochemical analyses did not have acceptable documentation of initial calibrations and questionable control charting techniques were used. Radium was a particular problem, and is not comparable to other data for any use. Other analyses are acceptable, provided proper documentation exists to support the data points.

## Changes to Validation Qualification Based on Discussions with the Laboratory

Fluoride

No Change

Oil and Grease and TOC

Values which were inadvertently qualified based on MS results were found in the following SDGs: E00050 for Oil and Grease and TOC; E25416 for TOC. The MS results were to be qualified and all samples were inadvertently qualified. All results in these SDGs, excluding the MS results, which were qualified based on the MS will be changed. The validator believes that the MS results should be estimated due to poor recoveries, which does not agree with the ES/ER/TM-16 document. In the validators professional opinion, a water matrix should not cause the recovery problems noted in these SDGs and therefore, at a minimum, the MS results should be qualified.

Mercury

The agreement between the validators and the technical support for the project (G. Joe Pardue) was overlooked during validation due to the amount of time which elapsed between the original agreement and the validation. All mercury data will be re-evaluated and rejected data based on calibration will be requalified accordingly.

ICP

This data must be re-evaluated and qualification changed based on the presence of a QCS, which was not evident during the validation.

Uranium

If the laboratory can provide sufficient information concerning the analysis of the standards be the secondary laboratory, data qualification may change.

Gamma Spectroscopy

Background information is considered level C information by the validators and should be submitted for qualification to change.

D25416 ICP

This must be looked at by the validator. Data qualification may change as a result.

E25416 Oil and Grease

See previous O & G comment

E25416 TOC

See previous TOC comment

E27515 SVOAs

This will be reviewed and data qualification may change as a result.

D27515 Hg

See previous Hg comment

E292015 ICP

See previous ICP comment

E292015 Oil and Grease

QAPjP limits took precedence due to the poor control charting practices of the laboratory, which made the limits of +/- 3s unusable.

E00050 Fluoride

See previous O & G comment

E00081 and D00081 Lead

This must be investigated by the validator, data qualification may change as a result.

E18856 Isotopic Dilution MS

See previous rad comment concerning STD certificates.

E18856 Nondestructive Gamma

See previous rad BKG comment. Comment two concerning this SDG must be re-evaluated and may involve re-qualification.

E27515 Isotopic Dilution MS

This must be investigated, sample qualification may change.

**ENGELSJL@ksv.a1.orn, 01:32 PM 6/21/95, OU1 Validation Update** 1

Date: Wed, 21 Jun 1995 13:32:12 -0400 (EDT)
From: ENGELSJL@ksv.a1.ornl.gov
Subject: OU1 Validation Update
To: BRUMBACKVJ@COSMAIL2.CTD.ORNL.GOV
Cc: ROUSEJA@COSMAIL4.CTD.ORNL.GOV, ENGELSJL@ornl.gov
Posting-date: Wed, 21 Jun 1995 15:59:00 -0400 (EDT)
UA-content-id: D745ZVUWMULMD

To: Vicki Brumback

From: Jan Engels

Subject: Upper East Fork Poplar Creek Validation Adjustments

Based on additional laboratory information and review, I recommend the following adjustments to the results of validation of OU1 ICP data:

| Issue = SDG | Changing LCS review to QCS review | Ca linear range |
|---|---|---|
| D00050 | no change | no change |
| E00050 | remove all UJ qualifiers from Tl results for entire SDG | no change |
| M00050 | no change | no change |
| N00050 | no change | no change |
| D00081 | no change | no change |
| E00081 | remove all J or UJ qualifiers from Tl results for entire SDG | no change |
| M00081 | no change | no change |
| N00081 | no change | no change |
| D00124 | no change | no change |
| E00124 | no change | no change |
| M00124 | no change | no change |
| N00124 | no change | no change |
| D11856 | no change | no change |
| E 11856 | no change | no change |
| M11856 | no change | no change |
| N11856 | no change | no change |
| D22353 | no change | no change |
| E22353 | no change | no change |
| M22353 | no change | no change |
| N22353 | no change | no change |
| D25416 | no change | remove J qualifier from Ca results for D25424 and D25519 |
| E25416 | no change | remove J qualifier from Ca results for E25424 and E25519 |
| M25416 | no change | no change |
| N25416 | no change | no change |
| D27515 | no change | no change |
| E27515 | no change | no change |
| M27515 | no change | no change |
| N27515 | no change | no change |

**Printed for vyb@ornl.gov (Vicki Brumback)** 1

| | | |
|---|---|---|
| D292015 | no change | no change |
| E292015 | remove all J or UJ qualifiers from K and Ag values for entire SDG | no change |
| M292015 | no change | no change |
| ND292015 | no change | no change |

Explanation of changes:

E00050, E00081 Qualification is removed based on review of QCS results. For E00050, the only documentation to review about the QCS was p. 70 of the data package. Analytes and corresponding concentrations were matched by means of the list on pp. 67-68. Tl may still be slightly low; correction factors, if not yet applied, would increase recovery. Laboratory written response indicated that only Th was outside limits, from which it would be inferred that Tl was within limits; no raw data documentation that E00050 Tl was within acceptance limits was provided (see attached). E00081 documentation is complete.

D25416 Although the QCS is within limits, the qualification of Tl and Cd results remains unchanged because Tl did not meet project acceptance limits of +/- 20 % for the LCS and Cd did not meet method acceptance limits of +/- 10 % for the matrix spike.

For Ca, a question is present about whether concentrations in two samples exceeded the linear range. The laboratory followed a practice of increasing the concentration of samples to produce lower detection limits, and then compensating by application of a factor. This practice resulted in a stated linear range of 500,000 ug/L for Ca on Form 12, but an actual linear range of 100,000 ug/L. This situation is supported by case narratives, such as in SDG E27515, that describe reruns of samples exceeding 100,000 ug/L as dilutions. For samples D25424 and D25519, reported sample concentrations were 101,000 ug/L. The raw data values, before application of interelement and possibly internal standard corrections, were 93.74 and 93.68 mg/L. It is unknown whether the linear range relates to raw data values or reported data values, so it is not known if these borderline values are appropriate to qualify. However, the likelihood that estimation of calcium values in this range would have any effect on data use is remote. Therefore, the "J" qualifiers can be removed from the values for these two samples.

E25416 The calcium discussion for SDG D25416 above also applies to SDG E25416 samples E25424 and E25519.

E292015 The QCS is within limits, and qualification can be removed from the K and Ag results.

If you have any questions, please feel welcome to call me at 1-6068 or page 873-5959.

Date: Fri, 9 Jun 1995 05:21:00 EDT
From: Dianna Derreber Altom <ALTOMDD%A1%OCU1@ksv.mr.ornl.gov>
Subject: E00050
To: ENGELSJL@ornl.gov
Cc: BOWMANDHJR@ornl.gov
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Delivery-date: Fri, 9 Jun 1995 08:12:00 EDT

**ENGELSJL@ksv.al.ornl, 01:32 PM 6/21/95, OU1 Validation Update** 3

Posting-date: Fri, 9 Jun 1995 05:29:00 EDT
Importance: normal
Al-type: MAIL

Bo Bowman checked the file for E00050. He discovered that the only metal with a % Recovery greater than +/-5% in the LCS was thorium. Since thorium is not an approved metal for method 200.7, it is not included in the QC2007 standard mix. He said that you could find the thorium result in the CCV3 mix which is reported in the package.

Please call if you still need to see the QC2007 report page.

Dianna

# Appendix E

# TABLES OF RESULTS

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002

| Analysis | Analyte | Event 1, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 12 | | 1 | | Y | | 8.48 | | 1 | | N | | 10.7 | | 1 | | N | | 10.6 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.43 | | 0.1 | | Y | | 0.53 | | 0.1 | | N | | 0.39 | | 0.1 | | N | | 1.18 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 20 | | 10 | | Y | | 19.7 | | 10 | | N | | 21.1 | | 10 | | N | | 26.4 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.39 | | 0.1 | | Y | | 0.54 | | 0.1 | | N | | 0.47 | | 0.1 | | N | | 0.17 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0844 | | 0.0008 | | Y | | 0.108 | | 0.0008 | | N | | 0.0857 | | 0.0008 | | N | | 0.0947 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.018 | | 0.006 | | Y | | 0.018 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.026 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 36.2 | | 0.2 | | Y | | 34.1 | | 0.2 | | N | | 35.2 | | 0.2 | | N | | 56.5 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.14 | | 0.06 | | Y | | 0.16 | | 0.06 | | N | | 0.13 | | 0.06 | | N | | 0.29 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 8.66 | | 0.04 | | Y | | 8.67 | | 0.04 | | N | | 8.85 | | 0.04 | | N | | 9.64 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.045 | | 0.002 | | Y | | 0.06 | | 0.002 | | N | | 0.06 | | 0.002 | | N | | 0.16 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 2.4 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | 2.8 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 7.56 | | 0.04 | | Y | | 7.4 | | 0.04 | | N | | 7.11 | | 0.04 | | N | | 7.03 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.105 | | 0.001 | | Y | | 0.101 | | 0.001 | | N | | 0.1 | | 0.001 | | N | | 0.146 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.03 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0797 | | 0.0008 | | Y | | 0.0894 | | 0.0008 | | N | | 0.0862 | | 0.0008 | | N | | 0.0968 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.019 | | 0.006 | | Y | | 0.016 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.026 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 35.8 | | 0.2 | | Y | | 34.2 | | 0.2 | | N | | 35.8 | | 0.2 | | N | | 58.4 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002

| Analysis | Analyte | Event 1, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 8.36 | | 0.04 | | Y | | 8.68 | | 0.04 | | N | | 8.9 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.037 | | 0.002 | | Y | | 0.056 | | 0.002 | | N | | 0.058 | | 0.002 | | N | | 0.16 | | 0 002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0 008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 2.3 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | 2.3 | | 0.6 | | N | | 3 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 7.25 | | 0.04 | | Y | | 7.36 | | 0.04 | | N | | 7.17 | | 0.04 | | N | | 7.31 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.101 | | 0.001 | | Y | | 0.101 | | 0.001 | | N | | 0.102 | | 0.001 | | N | | 0.151 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0 01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 1.2 | 5.4 | 15.3 | | Y | R | 0 | 20 | 15 | | N | | -2.9 | 8.8 | 17 | | N | | 1.4 | 6.2 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.4 | | 7.4 | < | Y | | -0.6 | 8.5 | 13 | | N | | -3.1 | 5.7 | 9.3 | | N | | 1.8 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0.3 | 5.1 | 12.2 | | Y | R | 3.2 | 6.9 | 12 | | N | | 2 6 | 7.3 | 12 | | N | | 0.58 | 8 8 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 36 | | 36 | < | Y | | 26 | 38 | 58 | | N | | 27 | 27 | 48 | | N | | 2.2 | 30 | 50 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | Y | | 24 | 21 | 32 | | N | | -2.8 | 14 | 23 | | N | | -5.4 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | Y | | -7.6 | 3.1 | 4.1 | | N | | -0 5 | 2.5 | 3.6 | | N | | -3.9 | 2 3 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | Y | | 2 | 2.9 | 4.4 | | N | | 1.1 | 2 1 | 3.7 | | N | | 0.46 | 2 2 | 3.8 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 25 | | 25 | < | Y | | -0.18 | 36 | 51 | | N | | -24 | 28 | 46 | | N | | 41 | 56 | 95 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2 3 | | 2 3 | < | Y | | -2 3 | 2.7 | 4 | | N | | -0.014 | 1.9 | 3 2 | | N | | -0.28 | 1 6 | 2 6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 2 9 | | 2 9 | < | Y | | -0 2 | 3 4 | 4.9 | | N | | 0.41 | 2.7 | 4 5 | | N | | -0 63 | 3 5 | 5 8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.2 | | 3 2 | < | Y | | 1.3 | 3 4 | 5 | | N | | 2 3 | 2.5 | 4.1 | | N | | 1.9 | 2 6 | 4.7 | | N | | PCI/L |
| Radionuclides | Iron-59 | 6.1 | | 6 1 | < | Y | | 2.4 | 7.7 | 11 | | N | | 2.3 | 6 5 | 9 9 | | N | | 0 3 | 9.6 | 16 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5 2 | | 5 2 | < | Y | | 0.88 | 7.3 | 8.2 | | N | | -1.1 | 5.9 | 6 3 | | N | | -1 | 6 | 6 7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.9 | | 2.9 | < | Y | | -1.6 | 3.3 | 4 5 | | N | | -0.52 | 2 3 | 3 9 | | N | | 0.64 | 2 5 | 4 3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.5 | | 3 5 | < | Y | | 1.5 | 4 1 | 6 | | N | | -1.4 | 3.5 | 5 8 | | N | | -0 058 | 5 5 | 9 4 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 50 | | 50 | < | Y | | 39 | 80 | 90 | | N | | 88 | 59 | 81 | | N | | -27 | 59 | 64 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0 67 | 0 16 | 2.17 | | Y | R | -0.18 | 0.37 | 1 | | N | | -0.63 | 0.73 | 1.4 | | N | | 0 13 | 0 27 | 0 46 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0 | 0.14 | 1.14 | | Y | R | -1.4 | 2.1 | 1.4 | | N | | -0.22 | 1.3 | 1.8 | | N | | 0.51 | 0.94 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 27 | | 27 | < | Y | | 0.2 | 27 | 40 | | N | | -26 | 20 | 33 | | N | | 13 | 21 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | Y | | 2.4 | 3.2 | 5 | | N | | -0.87 | 2.1 | 3.6 | | N | | -1.2 | 2.6 | 4.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | Y | | 14 | 9.3 | 14 | | N | | 14 | 6.7 | 12 | | N | | -1.8 | 11 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.002 | | 0.001 | | Y | J | 0.001 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.64 | 0.74 | | | Y | J | 0.62 | 0.04 | | | N | | 0.97 | 0.02 | | | N | | 0.67 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.5 | 3.6 | 4.4 | | Y | | -1.8 | 6.4 | 6.5 | | N | | 1.5 | 3.7 | 4.8 | | N | | 3.1 | 4.9 | 3.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 | | 6 | < | Y | | -8.9 | 7.7 | 10 | | N | | -3.6 | 5.9 | 8.4 | | N | | -7.6 | 5.7 | 8.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7 | | 7 | < | Y | | -0.8 | 7.8 | 11 | | N | | 3.5 | 6 | 10 | | N | | -3.2 | 8.4 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | Y | | 100 | | 5 | | N | | 110 | | 5 | | N | | 160 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 280 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | Y | | 170 | | 5 | | N | | 180 | | 5 | | N | | 230 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 14 | | 2 | | Y | | 19 | | 2 | | N | | 11 | | 2 | | N | | 8.6 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 9.76 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 1.12 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 26 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.16 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 0.0955 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.027 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 57 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.29 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 9.71 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 0.163 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 2.9 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 7.07 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 0.147 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 0.0958 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.027 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 57.5 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 9.84 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 0.159 | | 0.002 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 2.9 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 7.16 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 0.148 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 4 | 6.9 | 12 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | 1.5 | 5.8 | 9.8 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | -1.8 | 8.9 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 8 | 27 | 47 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | 8.4 | 16 | 26 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | -2.8 | 2.3 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | 0.93 | 2 2 | 3.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | 27 | 58 | 98 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.24 | 2.1 | 3.4 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | 1.5 | 3 6 | 6.2 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 1.9 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | 1.7 | 9.2 | 16 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | -2.2 | 8.8 | 6.6 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | 0.89 | 2 4 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | 6 | 5.8 | 10 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | 6.4 | 65 | 33 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | -0.22 | 0 34 | 0.82 | | N | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | -1.4 | 1.6 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | 1.9 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | -0.4 | 2.1 | 3.6 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | 2.2 | 9.4 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 0.01 | 0 01 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 0.67 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 4.7 | 4.8 | 4.2 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | 2 3 | 5.4 | 9.6 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | 4.3 | 8 | 14 | | N | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 160 | | 5 | | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | 220 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 16 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 002 Trip Blank

| | | Event 1, Part I | | | | | | Event 2, Part I | | | | | | Event 3, Part I | | | | | | Event 4, Part I | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 20 | | 1 | | Y | | 16.5 | | 1 | | N | | 8.21 | | 1 | | N | | 10.3 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.99 | | 0.1 | | Y | | 0.98 | | 0.1 | | N | | 0.42 | | 0.1 | | N | | 0.74 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 25 | | 10 | | Y | | 25.2 | | 10 | | N | | 11.2 | | 10 | | N | | 29 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.14 | | 0.1 | | Y | | 0.19 | | 0.1 | | N | | 0.09 | | 0.1 | | N | | 0.11 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.0563 | | 0.0008 | | Y | | 0.0582 | | 0.0008 | | N | | 0.0235 | | 0.0008 | | N | | 0.0433 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.069 | | 0.006 | | Y | | 0.078 | | 0.006 | | N | | 0.036 | | 0.006 | | N | | 0.073 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 57.2 | | 0.2 | | Y | | 60 | | 0.2 | | N | | 24.5 | | 0.2 | | N | | 37 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.11 | | 0.06 | | Y | | 0.11 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 5.77 | | 0.04 | | Y | | 6.19 | | 0.04 | | N | | 2.33 | | 0.04 | | N | | 3.81 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.055 | | 0.002 | | Y | | 0.06 | | 0.002 | | N | | 0.023 | | 0.002 | | N | | 0.043 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.007 | | 0.006 | | Y | U | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 2.6 | | 0.6 | | Y | | 2.6 | | 0.6 | | N | | 1.1 | | 0.6 | | N | | 4.3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 9.09 | | 0.04 | | Y | | 8.88 | | 0.04 | | N | | 3.14 | | 0.04 | | N | | 5.14 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.142 | | 0.001 | | Y | | 0.143 | | 0.001 | | N | | 0.056 | | 0.001 | | N | | 0.113 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.02 | | 0.01 | | Y | | 0.02 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0529 | | 0.0008 | | Y | | 0.0587 | | 0.0008 | | N | | 0.024 | | 0.0008 | | N | | 0.0425 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.067 | | 0.006 | | Y | | 0.077 | | 0.006 | | N | | 0.038 | | 0.006 | | N | | 0.073 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 56.5 | | 0.2 | | Y | | 60.8 | | 0.2 | | N | | 24.9 | | 0.2 | | N | | 36.1 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 5.54 | | 0.04 | | Y | | 6.23 | | 0.04 | | N | | 2.36 | | 0.04 | | N | | 3.74 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.054 | | 0.002 | | Y | | 0.059 | | 0.002 | | N | | 0.023 | | 0.002 | | N | | 0.041 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.007 | | 0.006 | | Y | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 2.7 | | 0.6 | | Y | | 2.7 | | 0.6 | | N | | 1.2 | | 0.6 | | N | | 4.2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 8.56 | | 0.04 | | Y | | 8.84 | | 0.04 | | N | | 3.19 | | 0.04 | | N | | 5.02 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.134 | | 0.001 | | Y | | 0.143 | | 0.001 | | N | | 0.057 | | 0.001 | | N | | 0.112 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | | Y | | 0.02 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 6.3 | 6.7 | 15.5 | | Y | R | -1.4 | 7.7 | 15 | | N | | -6.8 | 8 | 17 | | N | | -0.27 | 5.9 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.6 | | 8.6 | < | Y | UJ | -0.98 | 4.7 | 8 | | N | | 1.5 | 5.7 | 9.9 | | N | | -0.12 | 5.8 | 9.6 | | N | | PCI/L |
| Radionuclides | Beta Activity | 10 | 6.2 | 12.3 | | Y | R | -1.6 | 6.6 | 12 | | N | | -0.63 | 7 | 12 | | N | | 5.9 | 9.2 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 48 | | 48 | < | Y | UJ | 12 | 24 | 42 | | N | | 40 | 30 | 53 | | N | | 22 | 27 | 48 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | Y | UJ | 1.3 | 9.1 | 16 | | N | | 2.4 | 11 | 19 | | N | | -14 | 15 | 24 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.2 | | 3.2 | < | Y | UJ | -4 | 2.1 | 3 | | N | | -2.3 | 2.6 | 3.6 | | N | | -0.28 | 2.4 | 3.6 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | Y | UJ | 2.8 | 2 | 3.1 | | N | | 1.4 | 2.3 | 4 | | N | | -0.071 | 2.5 | 3.7 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 30 | | 30 | < | Y | UJ | 7 | 19 | 34 | | N | | -10 | 29 | 47 | | N | | -17 | 55 | 92 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | Y | UJ | 0.076 | 1.2 | 2 | | N | | 0.58 | 1.4 | 2.5 | | N | | -1.8 | 2 | 3.3 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.9 | | 3.9 | < | Y | UJ | -0.67 | 2 | 3.4 | | N | | 0.77 | 2.8 | 4.9 | | N | | -1.2 | 3.5 | 5.9 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.3 | | 4.3 | < | Y | UJ | 3.8 | 1.9 | 4.2 | | N | | -1 | 3 | 4.2 | | N | | -0.47 | 2.3 | 4 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.5 | | 8.5 | < | Y | UJ | -1.6 | 4.5 | 7.8 | | N | | -2.4 | 6.6 | 11 | | N | | 5.8 | 8.2 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.5 | | 5.5 | < | Y | UJ | 5.3 | 5.7 | 5.8 | | N | | 0.89 | 6.1 | 5.3 | | N | | -8 | 6.7 | 6.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.9 | | 3.9 | < | Y | UJ | 0.22 | 1.9 | 3.4 | | N | | -1.7 | 2.4 | 4 | | N | | 1.5 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.2 | | 4.2 | < | Y | UJ | 2.5 | 2.4 | 4.4 | | N | | -1.2 | 3.3 | 5.7 | | N | | 0.31 | 5.5 | 9.4 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 6.6 | 58 | 54 | | Y | J | 50 | 49 | 35 | | N | | 36 | 56 | | | N | | -140 | 50 | 72 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0 | 0.06 | 2.09 | | Y | R | -0.58 | 0.51 | 1.1 | | N | | -0.41 | 0.56 | 1.1 | | N | | 0.36 | 0.34 | 0.49 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | -0.65 | 0.09 | 1.31 | | Y | R | -0.41 | 1.3 | 1 6 | | N | | 0.29 | 1.5 | 1.4 | | N | | 1.5 | 2.2 | 1.9 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 32 | | 32 | < | Y | UJ | -16 | 17 | 28 | | N | | -4.8 | 22 | 36 | | N | | 4.7 | 20 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | Y | UJ | -1.7 | 2.1 | 3.6 | | N | | 1 | 2.4 | 4.2 | | N | | -1.3 | 2.3 | 3 8 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 4.9 | | 4.9 | < | Y | UJ | 4.8 | 11 | 11 | | N | | 0.1 | 11 | 12 | | N | | 4.9 | 14 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.008 | | 0.001 | | Y | J | 0.007 | 0 | 0.001 | | N | | 0.002 | 0.001 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.87 | 0.29 | | | Y | J | 0.72 | 0.06 | | | N | | 0.92 | 0.11 | | | N | | 0.71 | 0.05 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | Y | UJ | 1 | 4.6 | 4.5 | | N | | 7.3 | 4.6 | 5.2 | | N | | 1 | 4.5 | 4.2 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 8.3 | | 8.3 | < | Y | UJ | -5.2 | 4.6 | 7.6 | | N | | 1.6 | 6.3 | 9.5 | | N | | 3.3 | 5.1 | 9.2 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 9 | | 9 | < | Y | UJ | -0.61 | 4.9 | 8.4 | | N | | -2.8 | 6.6 | 11 | | N | | 2 | 7.8 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 3 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 130 | | 5 | | Y | | 140 | | 5 | | N | | 59 | | 5 | | N | | 80 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 350 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 250 | | 5 | | Y | | 220 | | 5 | | N | | 78 | | 5 | | N | | 140 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 2.9 | | 2 | | Y | | 24 | | 2 | | N | | 9.1 | | 2 | | N | | 5.6 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010 Duplicate

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 9.83 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 0.43 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 10.7 | | 10 | | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.63 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0236 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.035 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 24.5 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.009 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 2.33 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.023 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 3.14 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.056 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0241 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.036 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 25.1 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 2.37 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.024 | | 0.002 | | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0 006 | | 0 006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0 01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.2 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0 006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 3.19 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.057 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0 03 | | 0 05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0 01 | | 0 01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0 02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 4.1 | 7.6 | 13 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | 5 3 | 4.9 | 8.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | 2 1 | 6.7 | 11 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 17 | 22 | 40 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | 5 | 14 | 23 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -0 25 | 2 2 | 3.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 0,95 | 1.8 | 3 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -36 | 100 | 170 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | 0.64 | 1.8 | 3 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -0.12 | 3.8 | 6.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 2.2 | 1.9 | 3.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | -7.2 | 12 | 20 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 7.3 | 7 | 4.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -1.6 | 2 | 3.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 3.6 | 8.6 | 15 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 86 | 49 | 30 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | 0.29 | 0.34 | 0.51 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | -1.1 | 2.2 | 1.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | -6.1 | 19 | 31 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -3.2 | 1.8 | 2.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 4.2 | 11 | 11 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.002 | 0 | 0.001 | | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.94 | 0.05 | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 3.8 | 4.4 | 3.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | 0.7 | 4.6 | 8 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | -1.7 | 9 | 15 | | N | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 59 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 83 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 8.2 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 010 Trip Blank

| | | Event 1, Part I | | | | | | Event 2, Part I | | | | | | Event 3, Part I | | | | | | Event 4, Part I | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 3 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 014

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 10 | | 1 | | Y | | 16 | | 1 | | N | | 6 68 | | 1 | | N | | 15.9 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.77 | | 0.1 | | Y | | 0.99 | | 0.1 | | N | | 0.38 | | 0.1 | | N | | 1 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 23 | | 10 | | Y | | 19 | | 10 | | N | | 9.44 | | 10 | | N | | 37.3 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.86 | | 0.1 | | Y | | 0.13 | | 0.1 | | N | | 0.1 | | 0.1 | | N | | 0.1 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.3 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 1.5 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.3 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.07 | | 0.04 | | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.0545 | | 0 0008 | | Y | | 0.0332 | | 0 0008 | | N | | 0 0182 | | 0.0008 | | N | | 0.0519 | | 0 0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.026 | | 0.006 | | Y | | 0.035 | | 0.006 | | N | | 0 022 | | 0.006 | | N | | 0 033 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 40.1 | | 0.2 | | Y | | 32 | | 0.2 | | N | | 19.6 | | 0.2 | | N | | 50.3 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0 006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0 015 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.035 | | 0.006 | | N | | 0.037 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.09 | | 0.06 | | N | | 0.27 | | 0.06 | | N | | 0.1 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.01 | | 0.04 | | Y | | 4.68 | | 0.04 | | N | | 2.51 | | 0.04 | | N | | 7.6 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.004 | | 0.002 | | Y | | 0.021 | | 0.002 | | N | | 0.055 | | 0.002 | | N | | 0.049 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0 006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0 006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.015 | | 0.008 | | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.8 | | 0.6 | | Y | | 1.1 | | 0.6 | | N | | 0.7 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0 006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 6.84 | | 0.04 | | Y | | 5.71 | | 0.04 | | N | | 3.13 | | 0.04 | | N | | 7.31 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.107 | | 0.001 | | Y | | 0.082 | | 0.001 | | N | | 0.048 | | 0.001 | | N | | 0.126 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0 05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0 01 | | 0 01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.05 | | 0.01 | | Y | | 0.01 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0 01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0 004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0515 | | 0 0008 | | Y | | 0.0331 | | 0.0008 | | N | | 0 0183 | | 0 0008 | | N | | 0 0532 | | 0 0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.027 | | 0.006 | | Y | | 0.035 | | 0.006 | | N | | 0.023 | | 0 006 | | N | | 0 033 | | 0 006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0 004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0 004 | | 0 004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 40.4 | | 0.2 | | Y | | 32.1 | | 0.2 | | N | | 19.8 | | 0.2 | | N | | 50.9 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0 02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0 02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0 006 | < | N | | 0.006 | | 0 006 | < | N | | 0 006 | | 0 006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0 002 | < | Y | | 0 002 | | 0.002 | < | N | | 0 002 | | 0 002 | < | N | | 0 002 | | 0 002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0 006 | < | Y | | 0.009 | | 0.006 | | N | | 0 021 | | 0.006 | | N | | 0.008 | | 0 006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0 02 | | 0 02 | < | Y | | 0 02 | | 0 02 | < | N | | 0 02 | | 0 02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0 06 | | 0 06 | < | Y | | 0 06 | | 0.06 | < | N | | 0 06 | | 0 06 | < | N | | 0 06 | | 0 06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0 02 | | 0 02 | < | Y | | 0.02 | | 0.02 | < | N | | 0 02 | | 0 02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 014

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 8.74 | | 0.04 | | Y | | 4.67 | | 0.04 | | N | | 2.52 | | 0.04 | | N | | 7.74 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | Y | | 0.019 | | 0.002 | | N | | 0 053 | | 0.002 | | N | | 0.048 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0 006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0 006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.8 | | 0.6 | | Y | | 1.1 | | 0.6 | | N | | 0.8 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 6.63 | | 0.04 | | Y | | 5.58 | | 0.04 | | N | | 3.15 | | 0.04 | | N | | 7.47 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.103 | | 0.001 | | Y | | 0.08 | | 0.001 | | N | | 0.049 | | 0.001 | | N | | 0.129 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.04 | | 0.01 | | Y | | 0.01 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0 05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 2.1 | 5.2 | 15.3 | | Y | R | 1.8 | 8 | 15 | | N | | -5.2 | 8.2 | 17 | | N | | -2 2 | 5 8 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.1 | | 8.1 | < | Y | | -4.9 | 4 6 | 7.4 | | N | | -0.039 | 4.8 | 8.2 | | N | | 1.8 | 5.8 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | 1.6 | 5.2 | 12.2 | | Y | R | -0.16 | 6 6 | 12 | | N | | 1 7 | 7.2 | 12 | | N | | -4.9 | 8.5 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | Y | | 0.96 | 22 | 38 | | N | | 40 | 25 | 47 | | N | | 6 4 | 30 | 51 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | Y | | 0.96 | 12 | 20 | | N | | 11 | 11 | 19 | | N | | -1.7 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | Y | | 0.5 | 2 | 2.9 | | N | | -2.9 | 2.1 | 3.2 | | N | | -4.7 | 2 5 | 3 8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.3 | | 3.3 | < | Y | | 0.54 | 1.8 | 3.1 | | N | | 3 9 | 2 3 | 3 | | N | | 1.8 | 2 4 | 4.1 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 28 | | 28 | < | Y | | 2.9 | 19 | 32 | | N | | -9.5 | 22 | 38 | | N | | -14 | 57 | 93 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2 | | 2 | < | Y | | -0.16 | 1.5 | 2.5 | | N | | 0.51 | 1 4 | 2.4 | | N | | 0.36 | 1 5 | 2 7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.1 | | 3.1 | < | Y | | 0.64 | 1 8 | 3.2 | | N | | -0.92 | 2.4 | 4.1 | | N | | -0.47 | 3.7 | 6 3 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.8 | | 3 8 | < | Y | | 1 8 | 1.9 | 3.4 | | N | | 2 | 2.4 | 4 5 | | N | | 4 2 | 3 | 4.9 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.1 | | 8.1 | < | Y | | 3.6 | 4.2 | 7.5 | | N | | 5.9 | 5 8 | 11 | | N | | 0.68 | 12 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | 1.6 | 5.3 | 5.3 | | Y | | 1.6 | 6 2 | 4.6 | | N | | 0 27 | 5.5 | 5.1 | | N | | 2 8 | 5 5 | 5 4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3 2 | | 3 2 | < | Y | | -1.1 | 1.8 | 3 | | N | | -1 | 2.1 | 3.6 | | N | | -0.48 | 2.5 | 4 3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.9 | | 3.9 | < | Y | | 2.7 | 2.3 | 4.2 | | N | | 4 | 3 | 5 5 | | N | | 2 6 | 6 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 26 | 49 | 54 | | Y | | 37 | 45 | 28 | | N | | 83 | 47 | 35 | | N | | -27 | 61 | 73 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.44 | 0 11 | 2 06 | | Y | R | -0.12 | 0.42 | 1.1 | | N | | -0 26 | 0.69 | 1.1 | | N | | 0 056 | 0 25 | 0 45 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 014

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0 | 0.14 | 1.35 | | Y | R | -0.65 | 1.3 | 1.8 | | N | | -0.076 | 0.74 | 1.3 | | N | | -0.31 | 0.77 | 1.5 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | Y | | 6.5 | 17 | 29 | | N | | -6.2 | 18 | 32 | | N | | 6.6 | 23 | 40 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.4 | | 3.4 | < | Y | | -0.11 | 1.7 | 3.1 | | N | | 2 | 2.2 | 4.1 | | N | | 0.59 | 2.6 | 4.4 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | | -0.18 | 11 | 10 | | N | | 9.9 | 11 | 12 | | N | | 3 | 11 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.002 | | 0.001 | | Y | J | 0.003 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.8 | 0.94 | | | Y | J | 0.38 | 0.04 | | | N | | 1.6 | 0.23 | | | N | | 0.58 | 0.01 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.4 | | 4.4 | < | Y | | -2.4 | 5 | 4.4 | | N | | 1 | 4.8 | 3.5 | | N | | -1 | 4.7 | 5.1 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.9 | | 7.9 | < | Y | | -5.5 | 4 | 6.3 | | N | | -1.3 | 4.9 | 8.6 | | N | | -3.6 | 6.7 | 9.3 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.9 | | 7.9 | < | Y | | -1.7 | 4.3 | 7.3 | | N | | -5.9 | 5.5 | 9 | | N | | -2.9 | 8.9 | 15 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 014

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Butanone | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Acetone | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromodichloromethane | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloroform | 6 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Dibromochloromethane | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | Y | | 80 | | 5 | | N | | 50 | | 5 | | N | | 120 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 290 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | Y | | 140 | | 5 | | N | | 70 | | 5 | | N | | 190 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 4.6 | | 2 | | Y | | 14 | | 2 | | N | | 6.8 | | 2 | | N | | 12 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

* Trip Blank information for this sample is not available.

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 7.7 | | 1 | | Y | | 13 | | 1 | | N | | 7.12 | | 1 | | N | | 5.07 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 13 | | 0.1 | | Y | | 14.4 | | 0.1 | | N | | 17.8 | | 0.1 | | N | | 25 2 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 2.5 | | 0.1 | | Y | | 0.1 | | 0.1 | < | N | | 0.99 | | 0.1 | | N | | 5.42 | | 0 1 | | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0 1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 5.5 | | 10 | | Y | | 13.1 | | 10 | | N | | 7.24 | | 10 | | N | | 5.75 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.08 | | 0.1 | | Y | | 0.12 | | 0.1 | | N | | 0 11 | | 0.1 | | N | | 0.051 | | 0 1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0 04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0 04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.177 | | 0.0008 | | Y | | 0.221 | | 0.0008 | | N | | 0.226 | | 0 0008 | | N | | 0.157 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.007 | | 0.006 | | Y | | 0.011 | | 0 006 | | N | | 0 008 | | 0.006 | | N | | 0.008 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0 004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 52.5 | | 0.2 | | Y | | 59.9 | | 0.2 | | N | | 54.8 | | 0.2 | | N | | 41.8 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0 006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0 002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0 002 | | N | | 0.004 | | 0 002 | | N | | MG/L |
| Metals ICP | Copper | 0.009 | | 0.006 | | Y | | 0.013 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.033 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0 02 | | 0 02 | < | N | | 0.02 | | 0.02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0 06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0 06 | | 0 06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | N | | 0.02 | | 0 02 | < | N | | MG/L |
| Metals ICP | Magnesium | 32.9 | | 0.04 | | Y | | 35.2 | | 0.04 | | N | | 35.1 | | 0.04 | | N | | 29.1 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.022 | | 0 002 | | Y | | 0.037 | | 0 002 | | N | | 0.029 | | 0.002 | | N | | 0.083 | | 0 002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0 006 | < | N | | 0 006 | | 0.006 | < | N | | 0.006 | | 0 006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0 01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.3 | | 0.6 | | Y | | 1.4 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 2.22 | | 0.04 | | Y | | 2.63 | | 0 04 | | N | | 2.95 | | 0.04 | | N | | 2.15 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.038 | | 0.001 | | Y | | 0.053 | | 0.001 | | N | | 0.055 | | 0.001 | | N | | 0.029 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0 03 | | 0.05 | < | N | | 0 03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0 01 | < | Y | | 0.01 | | 0.01 | < | N | | 0 01 | | 0.01 | < | N | | 0 01 | | 0 01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0 004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0 01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0 004 | | 0.004 | < | N | | 0 004 | | 0 004 | | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | | 0 04 | | 0.04 | < | N | | 0 04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.167 | | 0.0008 | | Y | | 0.221 | | 0 0008 | | N | | 0.23 | | 0 0008 | | N | | 0.159 | | 0 0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0 0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0 0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.007 | | 0 006 | | Y | | 0.007 | | 0.006 | | N | | 0 008 | | 0 006 | | N | | 0 009 | | 0 006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0 004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 52.1 | | 0.2 | | Y | | 59.7 | | 0.2 | | N | | 56.2 | | 0.2 | | N | | 42 2 | | 0 2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0 02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0 006 | | 0 006 | < | Y | | 0 006 | | 0.006 | < | N | | 0 006 | | 0 006 | < | N | | 0 006 | | 0 006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0 002 | | 0 002 | < | Y | | 0 002 | | 0 002 | < | N | | 0 002 | | 0 002 | | N | | 0.004 | | 0 002 | | N | | MG/L |
| Metals ICP Diss | Copper | 0.009 | | 0.006 | | Y | | 0.013 | | 0.006 | | N | | 0 016 | | 0 006 | | N | | 0 032 | | 0 006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0 02 | < | Y | | 0 02 | | 0 02 | < | N | | 0 02 | | 0 02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0 06 | | 0 06 | < | Y | | 0 06 | | 0 06 | < | N | | 0 06 | | 0 06 | < | N | | 0 06 | | 0 06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0 02 | | 0 02 | < | Y | | 0.02 | | 0 02 | < | N | | 0 02 | | 0.02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 31.6 | | 0.04 | | Y | | 34.9 | | 0.04 | | N | | 35.8 | | 0.04 | | N | | 29.8 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.022 | | 0.002 | | Y | | 0.037 | | 0.002 | | N | | 0.029 | | 0.002 | | N | | 0.077 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.2 | | 0.6 | | Y | | 1.4 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 2.15 | | 0.04 | | Y | | 2.56 | | 0.04 | | N | | 3.01 | | 0.04 | | N | | 2.19 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.036 | | 0.001 | | Y | | 0.051 | | 0.001 | | N | | 0.057 | | 0.001 | | N | | 0.029 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.005 | | 0.004 | | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 11 | 7.6 | 15.6 | | Y | R | 3.5 | 9 | 16 | | N | | 15 | 12 | 17 | | N | | 5.4 | 6.7 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.9 | | 7.9 | < | Y | | -0.31 | 4.7 | 8 | | N | | -4.2 | 5.8 | 9.6 | | N | | 3.8 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | 3 | 5.4 | 12.3 | | Y | R | 0.67 | 6.9 | 12 | | N | | 1.6 | 7.4 | 13 | | N | | 5 | 9.1 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 39 | | 39 | < | Y | | 18 | 5.3 | 41 | | N | | 12 | 29 | 50 | | N | | 32 | 30 | 53 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 17 | | 17 | < | Y | | -2.4 | 9.2 | 15 | | N | | 6.7 | 12 | 20 | | N | | -6 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | Y | | -5.1 | 2 | 2.8 | | N | | -0.39 | 2.4 | 3.6 | | N | | 2 | 2.5 | 3.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | Y | | 2.1 | 3.5 | 3.1 | | N | | -0.76 | 2.3 | 3.9 | | N | | 2.2 | 2.3 | 4.1 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 26 | | 26 | < | Y | | 2.5 | 20 | 35 | | N | | 11 | 29 | 49 | | N | | -25 | 57 | 93 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | Y | | 0.55 | 1.2 | 2 | | N | | -0.26 | 1.5 | 2.5 | | N | | 2.1 | 1.6 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.1 | | 3.1 | < | Y | | -1.4 | 2 | 3.4 | | N | | 1.2 | 2.6 | 4.6 | | N | | 3 | 3.4 | 6.1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.1 | | 3.1 | < | Y | | 1.2 | 3 | 4.3 | | N | | 0.43 | 2.5 | 4.3 | | N | | 0.99 | 2.6 | 4.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | 6.4 | | 6.4 | < | Y | | 2.3 | 4.6 | 8.4 | | N | | 4 | 6.5 | 12 | | N | | 0.93 | 9.8 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.2 | 4.8 | 5.3 | | Y | | 15 | 3.3 | 6 | | N | | 3.8 | 5.6 | 5.7 | | N | | -3.3 | 6.2 | 7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.8 | | 2.8 | < | Y | | 0.51 | 1.9 | 3.3 | | N | | 0.77 | 2.3 | 4 | | N | | 0.23 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.5 | | 3.5 | < | Y | | 3 | 2.6 | 4.7 | | N | | -0.66 | 3.6 | 5.9 | | N | | 7.9 | 6 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 52 | | 52 | < | Y | | 8.7 | 47 | 38 | | N | | 7.3 | 56 | 49 | | N | | 33 | 52 | 38 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1.3 | 0.25 | 2.04 | | Y | R | 0.44 | 0.7 | 1.1 | | N | | 0.2 | 0.53 | 1.2 | | N | | 1.1 | 0.48 | 0.43 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | 0.38 | 0 04 | 1.39 | | Y | R | -1.2 | 2.6 | 1.7 | | N | | 0 62 | 4 7 | 1.7 | | N | | 2.2 | 1.2 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 26 | < | Y | | 10 | 17 | 31 | | N | | -0.45 | 20 | 35 | | N | | 2.8 | 21 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | Y | | 2 | 2 | 3.7 | | N | | -0.5 | 2.4 | 4 2 | | N | | -0.91 | 2 4 | 4 2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | Y | | 2.8 | 9.6 | 11 | | N | | 0.74 | 10 | 13 | | N | | 2.5 | 11 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | | 0.001 | | Y | J | 0.008 | 0 | 0.001 | | N | | 0.011 | 0 | 0.001 | | N | | 0.014 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.98 | 0.17 | | | Y | J | 0.83 | 0.02 | | | N | | 0.92 | 0 02 | | | N | | 0 84 | 0.01 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.1 | | 4.1 | < | Y | | 1.1 | 4.1 | 3.1 | | N | | 2.2 | 4.7 | 5 | | N | | 0.41 | 5.5 | 4 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 | | 6 | < | Y | | -1 | 4.3 | 7.5 | | N | | 0 084 | 5 | 8.8 | | N | | -4.4 | 6 | 9.7 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7 | | 7 | < | Y | | 0.048 | 4.5 | 7.9 | | N | | -1.1 | 6.4 | 11 | | N | | 2.8 | 8.6 | 15 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 290 | | 5 | | Y | | 310 | | 5 | | N | | 350 | | 5 | | N | | 350 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 14 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5.2 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 26 | | 0.2 | | Y | | 26 | | 0.2 | | N | | 39 | | 0.2 | | N | | 69 | | 0.2 | | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 700 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 370 | | 5 | | Y | | 400 | | 5 | | N | | 300 | | 5 | | N | | 260 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 31 | | 2 | | Y | | 46 | | 2 | | N | | 38 | | 2 | | N | | 32 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 4.3 | | 1 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 13 | | 0.1 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 2 6 | | 0.1 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 5.1 | | 10 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0 01 | < | Y | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.084 | | 0.1 | | Y | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | |
| Metals AAS | Lead | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | | | | | | | |
| Metals ICP | Barium | 0.175 | | 0.0008 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.007 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 52.5 | | 0.2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0 002 | | 0.002 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.009 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0 02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 32.6 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.022 | | 0.002 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0 006 | | 0 006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.4 | | 0.6 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 2.2 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.038 | | 0.001 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0 03 | | 0.05 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0 01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | | | | | | | |
| Metals ICP Diss | Barium | 0.169 | | 0.0008 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.008 | | 0 006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0 004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 52.2 | | 0.2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0 02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0 006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0 002 | | 0 002 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.009 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0 02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0 06 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0 02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Duplicate

| Analysis | Analyte | Event 1, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 31.8 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.022 | | 0.002 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.3 | | 0.6 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 2.15 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.037 | | 0.001 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0 01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0 05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0 05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0 05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 16 | 8.7 | 19.3 | | Y | R | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Antimony-125 | 8 8 | | 8.8 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 6.6 | 5.8 | 13.3 | | Y | R | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 47 | | 47 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 33 | | 33 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2 3 | | 2.3 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 4 2 | | 4 2 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 3.8 | | 3.8 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 10 | | 10 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 1.8 | 4.4 | 5.3 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3 6 | | 3 6 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 5.3 | | 5 3 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 39 | 54 | 54 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0 8 | 0 19 | 1.97 | | Y | R | | | | | | | | | | | | | | | | | | | PCI/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | 0.65 | 0 078 | 1.18 | | Y | R | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 3.9 | | 3 9 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 3.9 | 11 | 3.9 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | | 0.001 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium-235 | 0.83 | 0 84 | | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 4.8 | | 4.8 | < | Y | UJ | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Zinc-65 | 8 4 | | 8.4 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 9.2 | | 9.2 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 290 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 17 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 25 | | 0.2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 700 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 350 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 20 | | 2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Trip Blank

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 017 Trip Blank for Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 18 | | 1 | | Y | | 28.8 | | 1 | | N | | 14.4 | | 1 | | N | | 15.8 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1.2 | | 0.1 | | Y | | 0.98 | | 0.1 | | N | | 0.74 | | 0.1 | | N | | 0.74 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 1 | | 0.1 | | Y | | 0.52 | | 0.1 | | N | | 0.45 | | 0.1 | | N | | 0.23 | | 0.1 | | N | | MG/L |
| Anions by IC | Sulfate | 67 | | 10 | | Y | | 42.7 | | 10 | | N | | 59.8 | | 10 | | N | | 48 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.78 | | 0.1 | | Y | | 0.92 | | 0.1 | | N | | 0.98 | | 0.1 | | N | | 0.58 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 6.8 | | 5 | | Y | | 5.84 | | 5 | | N | | 9 | | 5 | | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.5 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5.3 | | 5 | | Y | | 5 | | 5 | < | N | | 8 | | 5 | | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.4 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | Y | | 0.1 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0405 | | 0.0008 | | Y | | 0.0453 | | 0.0008 | | N | | 0.0445 | | 0.0008 | | N | | 0.0527 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.018 | | 0.006 | | Y | | 0.015 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 39 | | 0.2 | | Y | | 43.1 | | 0.2 | | N | | 46.7 | | 0.2 | | N | | 42 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | | Y | | 0.008 | | 0.006 | | N | | 0.009 | | 0.006 | | N | | 0.006 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.08 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.08 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.43 | | 0.04 | | Y | | 9.96 | | 0.04 | | N | | 11.4 | | 0.04 | | N | | 9.22 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.015 | | 0.002 | | Y | | 0.018 | | 0.002 | | N | | 0.021 | | 0.002 | | N | | 0.037 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.7 | | 0.6 | | Y | | 2 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 11.1 | | 0.04 | | Y | | 8.36 | | 0.04 | | N | | 11.1 | | 0.04 | | N | | 10.5 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.103 | | 0.001 | | Y | | 0.11 | | 0.001 | | N | | 0.12 | | 0.001 | | N | | 0.11 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.06 | | 0.01 | | Y | | 0.06 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | 0.04 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0383 | | 0.0008 | | Y | | 0.0454 | | 0.0008 | | N | | 0.0451 | | 0.0008 | | N | | 0.0545 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.016 | | 0.006 | | Y | | 0.015 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | 0.024 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 38.9 | | 0.2 | | Y | | 43.4 | | 0.2 | | N | | 47.5 | | 0.2 | | N | | 42.9 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.008 | | 0.006 | | N | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 9.11 | | 0.04 | | Y | | 9.98 | | 0.04 | | N | | 11.6 | | 0.04 | | N | | 9.49 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.012 | | 0.002 | | Y | | 0.016 | | 0.002 | | N | | 0.02 | | 0.002 | | N | | 0.034 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.009 | | 0.006 | | N | | 0.007 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.6 | | 0.6 | | Y | | 2 | | 0.6 | | N | | 2 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 10.7 | | 0.04 | | Y | | 8.17 | | 0.04 | | N | | 11.3 | | 0.04 | | N | | 10.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.099 | | 0.001 | | Y | | 0.109 | | 0.001 | | N | | 0.122 | | 0.001 | | N | | 0.113 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.06 | | 0.01 | | Y | | 0.06 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | 0.04 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 9.2 | 7.3 | 19.2 | | Y | R | 0.95 | 8.1 | 15 | | N | | 17 | 10 | 14 | | N | | 1.9 | 6.3 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.1 | | 8.1 | < | Y | UJ | -2.5 | 7.1 | 12 | | N | | 1.3 | 5.7 | 9.7 | | N | | 0.19 | 5.7 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | 3 | 5.4 | 13.3 | | Y | R | -3 | 6.5 | 12 | | N | | 17 | 8.1 | 12 | | N | | -1.9 | 8.6 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 42 | | 42 | < | Y | UJ | 16 | 38 | 56 | | N | | 32 | 27 | 48 | | N | | 18 | 28 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | Y | UJ | 1.4 | 19 | 31 | | N | | -4.5 | 12 | 19 | | N | | 0.59 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.4 | | 3.4 | < | Y | UJ | -2.5 | 2.8 | 4 | | N | | 1.3 | 2.5 | 3.8 | | N | | -5.6 | 2.3 | 3.6 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | Y | UJ | 2.4 | 3 | 4.5 | | N | | -0.38 | 2.2 | 3.7 | | N | | -0.84 | 2.1 | 3.5 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 30 | | 30 | < | Y | UJ | 9.4 | 32 | 54 | | N | | -2.2 | 31 | 51 | | N | | -7.2 | 49 | 81 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | Y | UJ | -1.5 | 2.4 | 4 | | N | | -0.75 | 1.5 | 2.5 | | N | | -0.15 | 1.6 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.7 | | 3.7 | < | Y | UJ | 1.3 | 3.4 | 4.9 | | N | | 1.6 | 2.6 | 4.6 | | N | | -2.1 | 3.2 | 5.2 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4 | | 4 | < | Y | UJ | 2.1 | 3.6 | 5.3 | | N | | 0.89 | 2.5 | 4.4 | | N | | 2.3 | 2.4 | 4.5 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.9 | | 8.9 | < | Y | UJ | 2.6 | 7.6 | 11 | | N | | 0.98 | 6.3 | 11 | | N | | 5.2 | 8.7 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.5 | | 5.5 | < | Y | UJ | 1.2 | 7.6 | 7.6 | | N | | 1.7 | 5.5 | 6 | | N | | -0.46 | 5.9 | 6.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | Y | UJ | -1.3 | 3.1 | 4.4 | | N | | 1.2 | 2.3 | 4.1 | | N | | -1.5 | 2.4 | 4 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | Y | UJ | 0.7 | 4.2 | 6.1 | | N | | 2.1 | 3.6 | 6.2 | | N | | 3.1 | 4.8 | 8.5 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 42 | 55 | 54 | | Y | J | -14 | 80 | 87 | | N | | 97 | 55 | 39 | | N | | 34 | 58 | 36 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1.4 | 0.35 | 2.92 | | Y | R | -0.71 | 0.42 | 1.1 | | N | | 0.38 | 0.37 | 0.53 | | N | | 0.28 | 0.33 | 0.5 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | -1.7 | 0 23 | 1.37 | | Y | R | -1.1 | 3.6 | 1.6 | | N | | -0.095 | 0.28 | 1.6 | | N | | 0.59 | 1.2 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 32 | | 32 | < | Y | UJ | 9.6 | 2 8 | 42 | | N | | 0 29 | 20 | 34 | | N | | -11 | 21 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.8 | | 3.8 | < | Y | UJ | 0.71 | 3 1 | 4 7 | | N | | -0 2 | 2.5 | 4.3 | | N | | 2.1 | 2.5 | 4 5 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | UJ | 10 | 14 | 15 | | N | | 7.6 | 6.9 | 12 | | N | | 5.9 | 14 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.003 | | 0.001 | | Y | J | 0.004 | 0 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | 0.006 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 1.21 | 0.88 | | | Y | J | 0.86 | 0.03 | | | N | | 1 | 0.15 | | | N | | 0.78 | 0.03 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | Y | UJ | 13 | 6.8 | 6.6 | | N | | 0.72 | 5 | 4 | | N | | 2.6 | 4 | 4 8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 8.1 | | 8.1 | < | Y | UJ | -0.62 | 7 | 10 | | N | | -4.3 | 5.2 | 8.7 | | N | | -2.5 | 5.8 | 9.5 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.3 | | 8 3 | < | Y | UJ | -4.5 | 8.1 | 11 | | N | | 4.7 | 6 | 10 | | N | | 0.002 | 7.7 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 4 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 3 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 89 | | 5 | | Y | | 97 | | 5 | | N | | 110 | | 5 | | N | | 93 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 310 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | 240 | | 5 | | Y | | 240 | | 5 | | N | | 230 | | 5 | | N | | 190 | | 5 | | N | | UMHO |
| Wet Chem | Total Organic Carbon | 4.8 | | 2 | | Y | | 16 | | 2 | | N | | 15 | | 2 | | N | | 5.5 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021 Duplicate

| Analysis | Analyte | Event 1, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part I Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 13.6 | | 1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 0.97 | | 0 1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.52 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 42 4 | | 10 | | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0 86 | | 0 1 | | N | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 8.15 | | 5 | | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.1 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0 0448 | | 0.0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.024 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0 004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 42.9 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0 006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0 002 | | 0.002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.007 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.08 | | 0.06 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 9.93 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.019 | | 0.002 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.009 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 1.7 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 8.79 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.112 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.06 | | 0.01 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.08 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0449 | | 0 0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.015 | | 0 006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 43.6 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0 002 | | 0 002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.007 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0 02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0 06 | | 0.06 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | 10 | | 0 04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.017 | | 0 002 | | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Molybdenum | | | | | | | 0.01 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 1.7 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 8.61 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.111 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.06 | | 0.01 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Alpha Activity | | | | | | | 1.9 | 8.3 | 15 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 2.7 | 4.6 | 8 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 1.2 | 6.8 | 12 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 14 | 21 | 37 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 6.2 | 12 | 20 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | -5.5 | 2 | 2.8 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 0.92 | 1.7 | 3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 8.9 | 19 | 33 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 0.096 | 1.5 | 2.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | 2.4 | 1.8 | 3.4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 1.9 | 2.2 | 3.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 0.27 | 5 | 7.4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 3.2 | 5.4 | 4.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | -0.37 | 1.7 | 3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 0.048 | 2.3 | 4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 8.8 | 39 | 53 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | -0.07 | 0.42 | 1.1 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | -1.1 | 2.5 | 1.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -0.98 | 16 | 27 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | -0.093 | 1.8 | 3.2 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 4 | 10 | 10 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.003 | 0 | 0.001 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium-235 | | | | | | | 0.83 | 0.03 | | | N | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 1.3 | 4.7 | 4.4 | | N | | | | | | | | | | | | | | WT |
| Radionuclides | Zinc-65 | | | | | | | -1.9 | 4.7 | 6.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | -4.7 | 4.3 | 7.1 | | N | | | | | | | | | | | | | | PCI/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Alkalinity | | | | | | | 96 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | 230 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 15 | | 2 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 021 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 033

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 14.6 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 1.65 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 19.4 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.2 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 0.0463 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.069 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 49.8 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.11 | | 0.06 | | Y | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 17 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 0.037 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 1.9 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 9.69 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 0.081 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 0.0453 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.067 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 48.9 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.11 | | 0.06 | | Y | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 033

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 16.8 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 0.037 | | 0 002 | | Y | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 2.1 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 9.52 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 0.08 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0 01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | | | | | | | 2 | | 2 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | | | | | | | 5 | | 5 | U | Y | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | | | | | | | 0.1 | | 0 1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | | | | | | | 0 05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | | | | | | | 5 | | 5 | U | Y | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 3 8 | 5 3 | 8.7 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | -1.2 | 4 7 | 8 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | 6 6 | 9 3 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 3.7 | 23 | 40 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | -4.4 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | -0 42 | 2 1 | 3 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | -0.03 | 1.7 | 2.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | 49 | 52 | 89 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.07 | 1 7 | 2 8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | 0 002 | 2.8 | 4 8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 2 6 | 2 | 3 6 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | -4 1 | 7 6 | 13 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | 2 6 | 5 6 | 4 8 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | -0 77 | 1 9 | 3 2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | 0 74 | 5 | 8 7 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | 13 | 46 | 57 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | 0 074 | 0 31 | 0 66 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 033

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | 1.3 | 1.7 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | 2.9 | 18 | 31 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | -0.27 | 1.9 | 3.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | -4.4 | 9.1 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 0.003 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 0.84 | 0.22 | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | -2.2 | 4.4 | 4.4 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | -6 | 4.6 | 7.2 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | 4.4 | 6.7 | 12 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | | Y | U | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 033

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | | Y | UJ | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 11 | | 10 | | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 170 | | 5 | | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 240 | | 5 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 9.2 | | 2 | | Y | | MG/L |
| | | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 033 Trip Blank

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| | | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 034

| | | Event 1, Part 1 | | | | | Event 2, Part 1 | | | | | Event 3, Part 1 | | | | | Event 4, Part 1 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 16 | | 1 | | Y | | 7.79 | | 1 | | N | | 9.14 | | 1 | | N | | 15.3 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1.4 | | 0.1 | | Y | | 1.45 | | 0.1 | | N | | 1.55 | | 0.1 | | N | | 2.72 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 24 | | 10 | | Y | | 23.4 | | 10 | | N | | 22.7 | | 10 | | N | | 27 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.95 | | 0.1 | | Y | | 0.86 | | 0.1 | | N | | 0.95 | | 0.1 | | N | | 0.59 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.3 | | 0.2 | | Y | | 0.3 | | 0.2 | | N | | 0.33 | | 0.2 | | N | | 0.3 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 6 | | 5 | | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.24 | | 0.2 | | Y | | 0.3 | | 0.2 | | N | | 0.32 | | 0.2 | | N | | 0.3 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0349 | | 0.0008 | | Y | | 0.0343 | | 0.0008 | | N | | 0.0366 | | 0.0008 | | N | | 0.0446 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.017 | | 0.006 | | Y | | 0.016 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.042 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 38.5 | | 0.2 | | Y | | 39 | | 0.2 | | N | | 40.4 | | 0.2 | | N | | 46 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 10.1 | | 0.04 | | Y | | 10.3 | | 0.04 | | N | | 10.9 | | 0.04 | | N | | 9.27 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.7 | | 0.6 | | Y | | 1.6 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 6.12 | | 0.04 | | Y | | 5.66 | | 0.04 | | N | | 5.93 | | 0.04 | | N | | 8.33 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.103 | | 0.001 | | Y | | 0.103 | | 0.001 | | N | | 0.107 | | 0.001 | | N | | 0.126 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.1 | | 0.01 | | Y | | 0.1 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | Y | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0332 | | 0.0008 | | Y | | 0.0344 | | 0.0008 | | N | | 0.0368 | | 0.0008 | | N | | 0.0467 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.017 | | 0.006 | | Y | | 0.016 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | 0.041 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 38.6 | | 0.2 | | Y | | 39.1 | | 0.2 | | N | | 40.9 | | 0.2 | | N | | 47.5 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 034

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 9.83 | | 0.04 | | Y | | 10.3 | | 0.04 | | N | | 11 | | 0.04 | | N | | 9.73 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.6 | | 0.6 | | Y | | 1.6 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.93 | | 0.04 | | Y | | 5.54 | | 0.04 | | N | | 5.95 | | 0.04 | | N | | 8.74 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.099 | | 0.001 | | Y | | 0.101 | | 0.001 | | N | | 0.108 | | 0.001 | | N | | 0.132 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.1 | | 0.01 | | Y | | 0.11 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 4.1 | 6.1 | 15.3 | | Y | R | -4.6 | 6.8 | 15 | | N | | 13 | 8.8 | 12 | | N | | -4.3 | 5.2 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.8 | | 7.8 | < | Y | | -4.7 | 7.1 | 12 | | N | | 0.021 | 6 | 10 | | N | | -1.8 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | -0.81 | 4.9 | 12.2 | | Y | R | -6.2 | 6.2 | 12 | | N | | 9.8 | 7.2 | 11 | | N | | 4 | 9 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | Y | | -4.9 | 33 | 56 | | N | | 50 | 32 | 57 | | N | | -6 | 28 | 47 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | Y | | -11 | 19 | 31 | | N | | 8.1 | 13 | 22 | | N | | -8.8 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | Y | | -6.4 | 2.4 | 3.8 | | N | | 0.41 | 2.8 | 4 | | N | | -6.3 | 2.4 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.2 | | 3.2 | < | Y | | 2.5 | 2.6 | 4.6 | | N | | 0.27 | 2.3 | 3.9 | | N | | 1.2 | 2.2 | 3.8 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 30 | | 30 | < | Y | | 1.6 | 31 | 52 | | N | | -61 | 120 | 200 | | N | | 4.5 | 55 | 92 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 1.9 | | 1.9 | < | Y | | 0.032 | 2.4 | 4 | | N | | 1.4 | 1.6 | 2.9 | | N | | 0.19 | 1.6 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.5 | | 3.5 | < | Y | | 1.2 | 2.9 | 4.9 | | N | | 2.9 | 4.8 | 8.7 | | N | | 1.2 | 3.3 | 5.7 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.9 | | 3.9 | < | Y | | 2.4 | 3.5 | 5.2 | | N | | -0.22 | 2.6 | 4.5 | | N | | 4.3 | 1.9 | 3.9 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.6 | | 7.6 | < | Y | | 6.7 | 6.9 | 11 | | N | | 22 | 17 | 31 | | N | | 5.2 | 10 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | 1.4 | 4.9 | 5.3 | | Y | | 0.56 | 7.9 | 8.3 | | N | | 0.45 | 5.5 | 5.2 | | N | | -4.2 | 6 | 6.7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.5 | | 3.5 | < | Y | | 1 | 2.6 | 4.4 | | N | | -0.68 | 2.7 | 4.6 | | N | | -1.1 | 2.6 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.1 | | 4.1 | < | Y | | 2.6 | 3.5 | 6.1 | | N | | 7.7 | 11 | 20 | | N | | 3.9 | 5.4 | 9.4 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 32 | 52 | 54 | | Y | | -2.1 | 79 | 88 | | N | | 33 | 57 | 42 | | N | | -17 | 52 | 63 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.85 | 0.26 | 2.8 | | Y | R | -0.56 | 0.49 | 1.1 | | N | | 0.003 | 0.28 | 0.54 | | N | | 0.15 | 0.31 | 0.55 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 034

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.44 | 0.05 | 1.29 | | Y | R | -2.4 | 2.1 | 1.6 | | N | | -1.7 | 1.6 | 1.6 | | N | | 2 | 2.4 | 2.1 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | Y | | 15 | 23 | 41 | | N | | -12 | 24 | 39 | | N | | -8.7 | 22 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.7 | | 3.7 | < | Y | | 0.6 | 3.3 | 4.9 | | N | | -1.5 | 2.5 | 4.2 | | N | | -0.35 | 2.5 | 4.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | | 8.7 | 14 | 14 | | N | | 7 | 13 | 13 | | N | | 2.8 | 14 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.002 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | Y | UJ | | | | | N | | | | | | N | | 0.59 | 0 | | | N | | WT |
| Radionuclides | Uranium-235 | 0.61 | 3.8 | 4.4 | | Y | | 1 | 6.8 | 6.6 | | N | | 0.58 | 4.6 | 3.8 | | N | | 1.1 | 4.7 | 3.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 5.9 | | 5.9 | < | Y | | -0.29 | 7 | 10 | | N | | -6.6 | 6.4 | 10 | | N | | -9.2 | 5.9 | 9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8 | | 8 | < | Y | | 3.6 | 6.7 | 12 | | N | | -9.2 | 13 | 20 | | N | | -3.3 | 7.8 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 034

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| * Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromodichloromethane | 5 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Carbon tetrachloride | 25 | | 10 | | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloroform | 18 | | 10 | | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | cis-1,2-Dichloroethene | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Dibromochloromethane | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Tetrachloroethene | 18 | | 10 | | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Trichloroethene | 3 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| * Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | Y | | 110 | | 5 | | N | | 120 | | 5 | | N | | 110 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 280 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 220 | | 5 | | Y | | 180 | | 5 | | N | | 150 | | 5 | | N | | 190 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 16 | | 2 | | Y | | 23 | | 2 | | N | | 13 | | 2 | | N | | 2.6 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

* Trip Blank information for this sample is not available.

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 17 | | 1 | | Y | | 11.7 | | 1 | | N | | 10.4 | | 1 | | N | | 10.6 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.95 | | 0.1 | | Y | | 0.76 | | 0.1 | | N | | 0.38 | | 0.1 | | N | | 2.74 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 23 | | 10 | | Y | | 27.6 | | 10 | | N | | 17 | | 10 | | N | | 21.9 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1 | | 0.1 | | Y | | 0.88 | | 0.1 | | N | | 0.78 | | 0.1 | | N | | 0.88 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.1 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0315 | | 0.0008 | | Y | | 0.0278 | | 0.0008 | | N | | 0.0244 | | 0.0008 | | N | | 0.0221 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.011 | | 0.006 | | Y | | 0.011 | | 0.006 | | N | | 0.01 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35 | | 0.2 | | Y | | 35.2 | | 0.2 | | N | | 30.4 | | 0.2 | | N | | 26.9 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.07 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.54 | | 0.04 | | Y | | 9.58 | | 0.04 | | N | | 8.47 | | 0.04 | | N | | 7.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.003 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.4 | | 0.6 | | Y | | 1.5 | | 0.6 | | N | | 1.2 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.52 | | 0.04 | | Y | | 5.02 | | 0.04 | | N | | 4.35 | | 0.04 | | N | | 4.75 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.092 | | 0.001 | | Y | | 0.09 | | 0.001 | | N | | 0.078 | | 0.001 | | N | | 0.074 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.12 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.2 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.1 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.028 | | 0.0008 | | Y | | 0.0281 | | 0.0008 | | N | | 0.0246 | | 0.0008 | | N | | 0.0231 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.011 | | 0.006 | | Y | | 0.01 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 35.2 | | 0.2 | | Y | | 35.4 | | 0.2 | | N | | 30.6 | | 0.2 | | N | | 27.4 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 9.32 | | 0.04 | | Y | | 9.59 | | 0.04 | | N | | 8.52 | | 0.04 | | N | | 7.21 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0 002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.4 | | 0.6 | | Y | | 1.4 | | 0.6 | | N | | 1.3 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.33 | | 0.04 | | Y | | 4.95 | | 0.04 | | N | | 4.37 | | 0.04 | | N | | 4.89 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.089 | | 0.001 | | Y | | 0.089 | | 0.001 | | N | | 0.078 | | 0.001 | | N | | 0.077 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0 05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0 01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.2 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0 05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0 05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 5.3 | 6.4 | 18.8 | | Y | R | -0.46 | 7.6 | 15 | | N | | -4.9 | 8.4 | 17 | | N | | 0.54 | 6 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8 | | 8 | < | Y | | -0.33 | 5 1 | 8.8 | | N | | -0 24 | 5.9 | 10 | | N | | -0 57 | 4 6 | 7.8 | | N | | PCI/L |
| Radionuclides | Beta Activity | -0.33 | 5 | 13.1 | | Y | R | -1.6 | 6 5 | 12 | | N | | 7.2 | 7.7 | 12 | | N | | 2.5 | 8 9 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 39 | | 39 | < | Y | | 0.34 | 28 | 46 | | N | | 40 | 34 | 54 | | N | | 3.4 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | Y | | 7.6 | 11 | 18 | | N | | 3.9 | 12 | 20 | | N | | -2.6 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3 | | 3 | < | Y | | 1 | 2 2 | 3.4 | | N | | -0.59 | 2.6 | 3.7 | | N | | -0 85 | 2 | 2.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.3 | | 3.3 | < | Y | | 1 | 2.5 | 3.8 | | N | | -1.1 | 2.9 | 4.1 | | N | | 1.6 | 1 8 | 3.1 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 30 | | 30 | < | Y | | -21 | 22 | 34 | | N | | 21 | 46 | 77 | | N | | 23 | 39 | 67 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2 | | 2 | < | Y | | 0.49 | 1.4 | 2.4 | | N | | 0 63 | 1 5 | 2.7 | | N | | 1.6 | 1 6 | 2 8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.5 | | 3.5 | < | Y | | -0.11 | 2.4 | 4.2 | | N | | 0.41 | 3 6 | 6 | | N | | -1.3 | 2 4 | 4 1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4 | | 4 | < | Y | | 1.7 | 2.3 | 4.2 | | N | | 0.19 | 2 5 | 4 3 | | N | | 0 47 | 1 8 | 3.2 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.8 | | 7.8 | < | Y | | 0.18 | 5 5 | 9 5 | | N | | 2 6 | 8 8 | 15 | | N | | 1.7 | 6 8 | 12 | | N | | PCI/L |
| Radionuclides | Lead-212 | 4.3 | 4.5 | 5 3 | | Y | | 0.46 | 5 3 | 4.8 | | N | | 4.5 | 6.2 | 5.1 | | N | | 0 23 | 5 9 | 4.9 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3 3 | | 3 3 | < | Y | | -2.5 | 2 2 | 3.5 | | N | | 0.37 | 2 8 | 4 3 | | N | | 0.12 | 1 8 | 3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 6 8 | | 6 8 | < | Y | | -1.6 | 2.9 | 4.9 | | N | | -0.19 | 5 2 | 8.8 | | N | | -0 32 | 3 9 | 6 7 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 64 | | 64 | < | Y | | -5.6 | 58 | 72 | | N | | -7.7 | 54 | 72 | | N | | 17 | 46 | 27 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1.04 | 0.29 | 2.79 | | Y | R | 0.22 | 0 34 | 0.61 | | N | | -0.15 | 0.57 | 1.1 | | N | | 0 063 | 0 38 | 0.78 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | -0.6 | 0 069 | 1.25 | | Y | R | 0 87 | 0.84 | 1 | | N | | 1.7 | 1.8 | 1.5 | | N | | -0.55 | 0.86 | 1.5 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | Y | | -15 | 20 | 33 | | N | | -5.6 | 22 | 37 | | N | | -6 6 | 17 | 28 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.3 | | 3.3 | < | Y | | 1 4 | 2 4 | 4 2 | | N | | 0.71 | 2.8 | 4.3 | | N | | -2 | 1.7 | 2 8 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | | 3.5 | 12 | 9.9 | | N | | 17 | 9.4 | 13 | | N | | 4.6 | 7.6 | 9.9 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | 0.001 | | 0 001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | Y | UJ | | | | | N | | | | | | N | | | | | | N | | WT |
| Radionuclides | Uranium-235 | 4.3 | | 4.3 | < | Y | | 1 | 4 9 | 4.9 | | N | | -0 3 | 4.1 | 4.9 | | N | | 2.3 | 4.2 | 3.5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 8 | | 6 8 | < | Y | | 1.2 | 4.8 | 8.3 | | N | | -4.1 | 5 6 | 9.2 | | N | | -0.91 | 4 1 | 6 9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.4 | | 7.4 | < | Y | | 3.2 | 5.5 | 9.5 | | N | | -0 079 | 7.9 | 13 | | N | | -2.1 | 5.7 | 9.8 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 17 | | 10 | | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | Y | | 100 | | 5 | | N | | 95 | | 5 | | N | | 74 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 260 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | Y | | 160 | | 5 | | N | | 150 | | 5 | | N | | 130 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 12 | | 2 | | Y | | 16 | | 2 | | N | | 15 | | 2 | | N | | 16 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 9.95 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 0.38 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 18 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.88 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 0.0235 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.017 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 27 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 6.96 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 4.64 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 0.075 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.19 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 0.0238 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.018 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 27 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 4.69 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 0.075 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.19 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 0.56 | 2.1 | 4.2 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | 4.5 | 5.6 | 9.8 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | -4 | 7.3 | 13 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 21 | 35 | 52 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | 3.7 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | 0.88 | 2.7 | 3.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | 4.9 | 2.7 | 4.4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | -21 | 59 | 95 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.98 | 1.5 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | -4 | 3.7 | 6.1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 1.6 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | 16 | 10 | 19 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | 4.3 | 3.5 | 6 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | -1.4 | 2.8 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | 1.3 | 6.2 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | -27 | 64 | 69 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | -0.17 | 0.37 | 0.76 | | N | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | -0.34 | 1.7 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | -3.7 | 22 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | 0.91 | 3 | 4.5 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | 2.5 | 10 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | | | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | -1.1 | 4.5 | 5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | 1.4 | 5.7 | 9.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | -3.2 | 8.8 | 14 | | N | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 73 | | 5 | | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | 110 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 5.1 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 042 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 3 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 047

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 8.9 | | 1 | | N | | 14.3 | | 1 | | N | | 16.1 | | 1 | | N | | 10.9 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.72 | | 0.1 | | N | | 0.8 | | 0.1 | | N | | 0.43 | | 0.1 | | N | | 0.54 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.94 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 22 | | 10 | | N | | 83.7 | | 10 | | N | | 20.8 | | 10 | | N | | 19.4 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.89 | | 0.1 | | N | | 1.5 | | 0.1 | | N | | 0.77 | | 0.1 | | N | | 0.61 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 2.8 | | 0.2 | | N | | 2 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.7 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 2.7 | | 0.2 | | N | | 1.6 | | 0.2 | | N | | 1 | | 0.2 | | N | | 1.6 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.1 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0252 | | 0.0008 | | N | | 0.0367 | | 0.0008 | | N | | 0.0261 | | 0.0008 | | N | | 0.0249 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.011 | | 0.006 | | N | | 0.018 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 30.3 | | 0.2 | | N | | 56.1 | | 0.2 | | N | | 31.7 | | 0.2 | | N | | 25.5 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.017 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.018 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 8.1 | | 0.04 | | N | | 15.9 | | 0.04 | | N | | 8.75 | | 0.04 | | N | | 5.82 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.004 | | 0.002 | | N | | 0.006 | | 0.002 | | N | | 0.007 | | 0.002 | | N | | 0.009 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.3 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.1 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 4.9 | | 0.04 | | N | | 17 | | 0.04 | | N | | 4.7 | | 0.04 | | N | | 4.84 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.078 | | 0.001 | | N | | 0.142 | | 0.001 | | N | | 0.08 | | 0.001 | | N | | 0.072 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.1 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0253 | | 0.0008 | | N | | 0.0367 | | 0.0008 | | N | | 0.0258 | | 0.0008 | | N | | 0.0246 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.011 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 30.2 | | 0.2 | | N | | 57.5 | | 0.2 | | N | | 32.1 | | 0.2 | | N | | 25.3 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.013 | | 0.006 | | N | | 0.011 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 047

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 7.97 | | 0.04 | | N | | 16.3 | | 0.04 | | N | | 8.85 | | 0.04 | | N | | 5.77 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | | N | | 0.004 | | 0.002 | | N | | 0.008 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.3 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | 1.3 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 4.89 | | 0.04 | | N | | 17.3 | | 0.04 | | N | | 4.79 | | 0.04 | | N | | 4.82 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.078 | | 0.001 | | N | | 0.144 | | 0.001 | | N | | 0.082 | | 0.001 | | N | | 0.072 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 12 | 11 | 22.4 | | N | | 17 | 11 | 15 | | N | | 12 | 9.7 | 15 | | N | | 7 | 3.8 | 3 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | -4.6 | 4.6 | 7.4 | | N | | 0.95 | 5.7 | 9.7 | | N | | -1 | 5.8 | 9.6 | | N | | PCi/L |
| Radionuclides | Beta Activity | 1.3 | 6.7 | 16.3 | | N | | 0.52 | 8.3 | 14 | | N | | 1.2 | 7.2 | 12 | | N | | -3 | 6.6 | 12 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 43 | | 43 | < | N | | 14 | 21 | 38 | | N | | 25 | 27 | 48 | | N | | 21 | 27 | 47 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | N | | 1.8 | 12 | 20 | | N | | 1.1 | 11 | 19 | | N | | -1.3 | 15 | 25 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 2.9 | | 2.9 | < | N | | -3.2 | 1.9 | 2.9 | | N | | -0.35 | 2.5 | 3.6 | | N | | 0.85 | 2.5 | 3.7 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 3.2 | | 3.2 | < | N | | -0.33 | 1.8 | 2.9 | | N | | 1.2 | 2.1 | 3.7 | | N | | -0.058 | 2.1 | 3.7 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 24 | | 24 | < | N | | 1.2 | 21 | 36 | | N | | -9.6 | 25 | 40 | | N | | -27 | 49 | 81 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 1.9 | | 1.9 | < | N | | -0.066 | 1.5 | 2.6 | | N | | 0.17 | 1.4 | 2.4 | | N | | 0.78 | 2 | 3.3 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | -0.72 | 2 | 3.3 | | N | | 0.63 | 2.3 | 4.1 | | N | | -0.17 | 3.2 | 5.5 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 3.7 | | 3.7 | < | N | | 3.3 | 1.9 | 3.5 | | N | | 0.78 | 2.4 | 4.3 | | N | | 2.1 | 2.4 | 4.4 | | N | | PCi/L |
| Radionuclides | Iron-59 | 6.5 | | 6.5 | < | N | | 0.03 | 4.5 | 7.7 | | N | | 1.7 | 5.5 | 9.9 | | N | | -0.22 | 7.7 | 13 | | N | | PCi/L |
| Radionuclides | Lead-212 | 1.9 | 4.5 | 5.3 | | N | | 4.1 | 5.2 | 4.7 | | N | | 2.5 | 6 | 5.7 | | N | | 1.3 | 5 | 6.3 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 3.3 | | 3.3 | < | N | | -0.5 | 1.8 | 3.1 | | N | | -1.1 | 2.2 | 3.7 | | N | | -0.18 | 2.4 | 4.1 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 3.5 | | 3.5 | < | N | | 0.033 | 2.4 | 4.2 | | N | | 0.39 | 3.1 | 5.3 | | N | | 1.9 | 5 | 8.7 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 40 | 46 | 54 | | N | | 47 | 44 | 28 | | N | | 26 | 57 | 38 | | N | | 140 | 45 | 79 | | N | | PCi/L |
| Radionuclides | Radium-226 | 1 | 0.23 | 1 | | N | | -0.17 | 0.33 | 0.72 | | N | | -0.1 | 0.58 | 0.98 | | N | | -0.0015 | 0.43 | 0.8 | | N | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 047

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.24 | 0.026 | 1 | | N | | -0.93 | 1.1 | 1.7 | | N | | -2 | 1.9 | 1.5 | | N | | 0.55 | 1.3 | 1.8 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 30 | | 30 | < | N | | -11 | 17 | 28 | | N | | -4.6 | 19 | 33 | | N | | 11 | 20 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.5 | | 3.5 | < | N | | -0.16 | 1.8 | 3.1 | | N | | -1.6 | 2.5 | 4.2 | | N | | -2.4 | 2.3 | 3.7 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 8.2 | 9.7 | 10.1 | | N | | -6.7 | 8.4 | 10 | | N | | 3 | 12 | 12 | | N | | 5.6 | 8 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.003 | | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.32 | 0.02 | | | N | | 0.26 | 0 | | | N | | 0.75 | 0.49 | | | N | | 0.6 | 0.07 | | | N | | WT |
| Radionuclides | Uranium-235 | 5.6 | 4.1 | 4.4 | | N | | 2 | 4.7 | 4.4 | | N | | 1.4 | 5.3 | 4 | | N | | 3.2 | 4.2 | 4.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6.6 | | 6.6 | < | N | | -4.7 | 3.9 | 6.1 | | N | | -1.1 | 5.1 | 8.9 | | N | | 3.7 | 5.1 | 9.2 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 6.8 | | 6.8 | < | N | | 4.4 | 4.7 | 8.5 | | N | | -3.3 | 5.7 | 9.4 | | N | | -1.3 | 7.4 | 12 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 047

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 5 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 3 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 15 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 85 | | 5 | | N | | 88 | | 5 | | N | | 120 | | 5 | | N | | 62 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 160 | | 5 | | N | | 370 | | 5 | | N | | 160 | | 5 | | N | | 110 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 7.2 | | 2 | | N | | 11 | | 2 | | N | | 14 | | 2 | | N | | 6.8 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 047 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 048

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 7.8 | | 1 | | N | | 23 | | 1 | | N | | 11.5 | | 1 | | N | | 10.5 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1 | | 0.1 | | N | | 0.82 | | 0.1 | | N | | 0.43 | | 0.1 | | N | | 0.64 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 1 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 21 | | 10 | | N | | 120 | | 10 | | N | | 19.9 | | 10 | | N | | 20.6 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.81 | | 0.1 | | N | | 1.6 | | 0.1 | | N | | 0.77 | | 0.1 | | N | | 0.64 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 2.9 | | 0.2 | | N | | 1.6 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.9 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 2.6 | | 0.2 | | N | | 1.6 | | 0.2 | | N | | 1.1 | | 0.2 | | N | | 1.8 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.13 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0257 | | 0.0008 | | N | | 0.0387 | | 0.0008 | | N | | 0.0261 | | 0.0008 | | N | | 0.0271 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.011 | | 0.006 | | N | | 0.02 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 33.3 | | 0.2 | | N | | 59.5 | | 0.2 | | N | | 32.5 | | 0.2 | | N | | 28 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.016 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 8.63 | | 0.04 | | N | | 16.4 | | 0.04 | | N | | 9.02 | | 0.04 | | N | | 6.35 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.007 | | 0.002 | | N | | 0.004 | | 0.002 | | N | | 0.004 | | 0.002 | | N | | 0.008 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.4 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.05 | | 0.04 | | N | | 18.9 | | 0.04 | | N | | 4.83 | | 0.04 | | N | | 5.27 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.081 | | 0.001 | | N | | 0.151 | | 0.001 | | N | | 0.083 | | 0.001 | | N | | 0.08 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.1 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0253 | | 0.0008 | | N | | 0.0366 | | 0.0008 | | N | | 0.0263 | | 0.0008 | | N | | 0.0264 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.011 | | 0.006 | | N | | 0.02 | | 0.006 | | N | | 0.011 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 30.9 | | 0.2 | | N | | 59.8 | | 0.2 | | N | | 33 | | 0.2 | | N | | 27.5 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.012 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 048

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 8.2 | | 0.04 | | N | | 16.5 | | 0.04 | | N | | 9.14 | | 0.04 | | N | | 6.19 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | 0.003 | | 0.002 | | N | | 0.006 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.4 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | 1.2 | | 0.6 | | N | | 2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.04 | | 0.04 | | N | | 19.1 | | 0.04 | | N | | 4.92 | | 0.04 | | N | | 5.18 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.08 | | 0.001 | | N | | 0.15 | | 0.001 | | N | | 0.084 | | 0.001 | | N | | 0.079 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.1 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 2.9 | 5.4 | 12.5 | | N | | -2 | 8 | 16 | | N | | 3.1 | 11 | 19 | | N | | 7.7 | 4 | 3 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.1 | | 7.1 | < | N | | -0.51 | 4.7 | 8 | | N | | 0.14 | 4.6 | 7.9 | | N | | -0.87 | 5.8 | 9.9 | | N | | PCI/L |
| Radionuclides | Beta Activity | 1.8 | 5.2 | 12.5 | | N | | 5.6 | 7.2 | 12 | | N | | 2.5 | 8.4 | 14 | | N | | 1.2 | 7 | 12 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | N | | 28 | 23 | 43 | | N | | 22 | 24 | 43 | | N | | 12 | 31 | 52 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 5.3 | 9.3 | 16 | | N | | -3.1 | 11 | 18 | | N | | -3.3 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | -2.8 | 2 | 3.1 | | N | | -0.43 | 1.9 | 3.2 | | N | | 0.12 | 2.6 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3 | | 3 | < | N | | 3.4 | 1.9 | 3.5 | | N | | 5.1 | 2.4 | 3.5 | | N | | 1.4 | 2.3 | 4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 22 | | 22 | < | N | | 25 | 21 | 37 | | N | | -2 | 20 | 34 | | N | | -7.9 | 49 | 80 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | N | | 0.28 | 1.2 | 2 | | N | | 1.3 | 1.4 | 2.4 | | N | | 1.1 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 2.6 | | 2.6 | < | N | | 0.73 | 2.1 | 3.8 | | N | | -0.49 | 2.1 | 3.7 | | N | | -2.1 | 3.3 | 5.6 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.3 | | 3.3 | < | N | | 1.8 | 3.9 | 4.3 | | N | | 3.6 | 2.4 | 4.6 | | N | | 1.3 | 2.7 | 4.7 | | N | | PCI/L |
| Radionuclides | Iron-59 | 5.7 | | 5.7 | < | N | | 2.7 | 4.8 | 8.7 | | N | | 3.6 | 5.1 | 9.4 | | N | | 9.3 | 9.5 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3 | 4.5 | 5.3 | | N | | 5.2 | 6.1 | 4.3 | | N | | 0.24 | 4.5 | 4.7 | | N | | 2.9 | 5.1 | 6.2 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.8 | | 2.8 | < | N | | -0.45 | 1.9 | 3.2 | | N | | 1.4 | 2.1 | 3.7 | | N | | -0.93 | 2.5 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3 | | 3 | < | N | | -0.42 | 2.5 | 4.3 | | N | | 4 | 2.6 | 4.8 | | N | | 1.2 | 5.3 | 9.4 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 53 | | 53 | < | N | | -13 | 46 | 63 | | N | | 19 | 54 | 40 | | N | | 86 | 56 | 39 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1.1 | 0.23 | 1 | | N | | 0.23 | 0.47 | 1 | | N | | 0.29 | 0.34 | 0.53 | | N | | 0.081 | 0.33 | 0.57 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 048

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -1.3 | 0.16 | 1 | | N | | 0.31 | 1.6 | 2.8 | | N | | -0.05 | 0.78 | 1.4 | | N | | -0.075 | 0.29 | 1.1 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 26 | < | N | | -24 | 16 | 26 | | N | | 7.4 | 17 | 31 | | N | | -10 | 23 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 2.8 | | 2.8 | < | N | | -0.51 | 1.9 | 3.4 | | N | | -0.29 | 2 | 3.5 | | N | | 0.54 | 2.5 | 4.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 9.8 | | 9.8 | < | N | | 0.62 | 10 | 11 | | N | | -3.8 | 7.7 | 11 | | N | | 7.4 | 7.1 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.003 | | 0.001 | | N | | 0.008 | 0.001 | 0.001 | | N | | 0.003 | 0 | 0.001 | | N | | 0.011 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.36 | 0.17 | | | N | | 0.3 | 0.01 | | | N | | 1.1 | 0.5 | | | N | | 0.6 | 0.03 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.1 | | 4.1 | < | N | | -3.5 | 4.1 | 4.4 | | N | | -0.14 | 4.9 | 4.8 | | N | | 6.6 | 4.8 | 5.2 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 5.6 | | 5.6 | < | N | | -1.3 | 4.4 | 7.7 | | N | | -0.06 | 4.4 | 7.8 | | N | | -6.7 | 5.8 | 9.2 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 6.4 | | 6.4 | < | N | | 0.59 | 4.8 | 8.5 | | N | | -0.99 | 5 | 8.7 | | N | | -2.1 | 8.3 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 2 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 048

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 88 | | 5 | | N | | 85 | | 5 | | N | | 99 | | 5 | | N | | 69 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 6.4 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 170 | | 5 | | N | | 420 | | 5 | | N | | 140 | | 5 | | N | | 120 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 15 | | 2 | | N | | 13 | | 2 | | N | | 14 | | 2 | | N | | 9.9 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 048 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 049

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 9.5 | | 1 | | N | | 6.37 | | 1 | | N | | 15.4 | | 1 | | N | | 10.7 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.7 | | 0.1 | | N | | 0.78 | | 0.1 | | N | | 0.3 | | 0.1 | | N | | 0.59 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 29 | | 10 | | N | | 16.7 | | 10 | | N | | 32.3 | | 10 | | N | | 34.1 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.69 | | 0.1 | | N | | 0.92 | | 0.1 | | N | | 0.82 | | 0.1 | | N | | 0.5 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 31 | | 0.2 | | N | | 13 | | 0.2 | | N | | 33 | | 0.2 | | N | | 15 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 22 | | 0.2 | | N | | 12 | | 0.2 | | N | | 19 | | 0.2 | | N | | 17 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.0291 | | 0.0008 | | N | | 0.0271 | | 0.0008 | | N | | 0.0311 | | 0.0008 | | N | | 0.0344 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | 0.01 | | 0.006 | | N | | 0.022 | | 0.006 | | N | | 0.045 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35.3 | | 0.2 | | N | | 35 | | 0.2 | | N | | 40.5 | | 0.2 | | N | | 44.3 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.009 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.16 | | 0.02 | | N | | 0.88 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 9.51 | | 0.04 | | N | | 9.49 | | 0.04 | | N | | 9.67 | | 0.04 | | N | | 7.26 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.01 | | 0.002 | | N | | 0.004 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.5 | | 0.6 | | N | | 1.4 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | 3.3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.53 | | 0.04 | | N | | 4.85 | | 0.04 | | N | | 6.76 | | 0.04 | | N | | 7.74 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.091 | | 0.001 | | N | | 0.087 | | 0.001 | | N | | 0.106 | | 0.001 | | N | | 0.125 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0359 | | 0.0008 | | N | | 0.0284 | | 0.0008 | | N | | 0.0362 | | 0.0008 | | N | | 0.0326 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.025 | | 0.006 | | N | | 0.009 | | 0.006 | | N | | 0.039 | | 0.006 | | N | | 0.041 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 43.2 | | 0.2 | | N | | 36.1 | | 0.2 | | N | | 47.7 | | 0.2 | | N | | 41.6 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.19 | | 0.02 | | N | | 0.02 | | 0.02 | < | N | | 0.29 | | 0.02 | | N | | 0.78 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 049

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.88 | | 0.04 | | N | | 9.87 | | 0.04 | | N | | 9.53 | | 0.04 | | N | | 7.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 2.6 | | 0.6 | | N | | 1.4 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | 3.2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 7.46 | | 0.04 | | N | | 5.07 | | 0.04 | | N | | 9.32 | | 0.04 | | N | | 7.22 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.115 | | 0.001 | | N | | 0.09 | | 0.001 | | N | | 0.128 | | 0.001 | | N | | 0.118 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.09 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 6.6 | 6.3 | 12.5 | | N | | 12 | 9.4 | 14 | | N | | -2.9 | 7.9 | 16 | | N | | 0 | 1.1 | 3.1 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 8.2 | | 8.2 | < | N | | -0.92 | 4.7 | 8 | | N | | 0.58 | 4.5 | 7.6 | | N | | 2.9 | 5.7 | 9.6 | | N | | PCi/L |
| Radionuclides | Beta Activity | -0.33 | 5 | 12.5 | | N | | 5 3 | 8.3 | 14 | | N | | -6.4 | 7 | 13 | | N | | -1.4 | 7 | 13 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | N | | 31 | 25 | 46 | | N | | 7.7 | 20 | 36 | | N | | 19 | 27 | 48 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 2.9 | 9.1 | 16 | | N | | -2.8 | 12 | 19 | | N | | -8.3 | 15 | 24 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 3.2 | | 3.2 | < | N | | -0.33 | 2.1 | 3.1 | | N | | 0.07 | 2 | 2.9 | | N | | -2.2 | 2.5 | 3.4 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 3.4 | | 3.4 | < | N | | 1.3 | 1.9 | 3.4 | | N | | 0.24 | 1.8 | 3 | | N | | 2.9 | 2.1 | 3.8 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 25 | | 25 | < | N | | 0.56 | 20 | 36 | | N | | 0.32 | 19 | 33 | | N | | 18 | 47 | 79 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | N | | -0.0048 | 1.2 | 2 | | N | | 0.047 | 1.5 | 2.6 | | N | | 0.53 | 1.9 | 3.2 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 3.7 | | 3.7 | < | N | | 0.58 | 2.1 | 3.7 | | N | | 1.2 | 2 | 3.5 | | N | | 0.67 | 3.1 | 5.4 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 3.9 | | 3.9 | < | N | | 2.8 | 2.4 | 3.8 | | N | | 1.8 | 1.9 | 3.4 | | N | | 3.8 | 2.4 | 4.4 | | N | | PCi/L |
| Radionuclides | Iron-59 | 8.2 | | 8.2 | < | N | | -1 | 4.8 | 8.4 | | N | | -2.9 | 4.3 | 7 | | N | | -0.16 | 7.1 | 12 | | N | | PCi/L |
| Radionuclides | Lead-212 | 5.3 | | 5.3 | < | N | | 3.5 | 5.6 | 4.5 | | N | | 0.47 | 5.7 | 4.6 | | N | | 0.83 | 5.3 | 6 3 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 3.5 | | 3.5 | < | N | | -0.33 | 1.9 | 3.2 | | N | | 0.49 | 1.8 | 3.1 | | N | | -0.055 | 2.3 | 3.9 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 3.6 | | 3.6 | < | N | | 2 | 2.6 | 4.7 | | N | | 0.67 | 2.4 | 4.3 | | N | | 5.4 | 4.9 | 8.7 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 64 | | 64 | < | N | | -30 | 50 | 63 | | N | | 3.5 | 47 | 29 | | N | | 110 | 58 | 78 | | N | | PCi/L |
| Radionuclides | Radium-226 | -0.12 | 0.34 | 1 | | N | | 0.14 | 0.31 | 0.61 | | N | | 0.42 | 0.4 | 0.57 | | N | | 0.26 | 0.44 | 0.75 | | N | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 049

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | 0.27 | 1 | 1 | | N | | 0.62 | 0.79 | 1 | | N | | 1.7 | 2.3 | 1.7 | | N | | -0.41 | 0.81 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 30 | | 30 | < | N | | -11 | 17 | 28 | | N | | -12 | 16 | 26 | | N | | 6.2 | 20 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | N | | -0.53 | 1.9 | 3.3 | | N | | -0.92 | 1.8 | 3 | | N | | 1.4 | 2.2 | 3.9 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 0.63 | 10 | 11 | | N | | 2.1 | 10 | 10 | | N | | 5.7 | 14 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | 0 | 0.001 | | N | | 0.002 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | N | | 2 | 1.64 | | | N | | 1.2 | 0.33 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | N | | -40 | 7.2 | 4.4 | | N | | 3.4 | 4.8 | 3.5 | | N | | 1.6 | 5.5 | 4.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 8.1 | | 8.1 | < | N | | -0.31 | 4.1 | 7.2 | | N | | 0.4 | 4.1 | 7 | | N | | 7.1 | 5.9 | 9.5 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.9 | | 7.9 | < | N | | 1.8 | 5.3 | 9.3 | | N | | -1.8 | 4.3 | 7.4 | | N | | 4 | 7.2 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 049

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 3 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 14 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 120 | | 5 | | N | | 110 | | 5 | | N | | 120 | | 5 | | N | | 110 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 300 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 240 | | 5 | | N | | 180 | | 5 | | N | | 220 | | 5 | | N | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 2.8 | | 2 | | N | | 20 | | 2 | | N | | 23 | | 2 | | N | | 11 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 049 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 10 | | 1 | | N | | 13.2 | | 1 | | N | | 15.2 | | 1 | | N | | 14.4 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 9.5 | | 0.1 | | N | | 10.8 | | 0.1 | | N | | 11.3 | | 0.1 | | N | | 5.39 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.11 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 42 | | 10 | | N | | 36.4 | | 10 | | N | | 55.6 | | 10 | | N | | 27.5 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.36 | | 0.1 | | N | | 0.43 | | 0.1 | | N | | 0.36 | | 0.1 | | N | | 0.14 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 7.1 | | 0.2 | | N | | 7.2 | | 0.2 | | N | | 7.6 | | 0.2 | | N | | 2.9 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 5.9 | | 0.2 | | N | | 6.3 | | 0.2 | | N | | 6.8 | | 0.2 | | N | | 2.4 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0964 | | 0.0008 | | N | | 0.0965 | | 0.0008 | | N | | 0.0994 | | 0.0008 | | N | | 0.0934 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.053 | | 0.006 | | N | | 0.049 | | 0.006 | | N | | 0.08 | | 0.006 | | N | | 0.034 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 69.1 | | 0.2 | | N | | 69.8 | | 0.2 | | N | | 72.8 | | 0.2 | | N | | 59 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.015 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.026 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.13 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 25.2 | | 0.04 | | N | | 24.2 | | 0.04 | | N | | 24 | | 0.04 | | N | | 25.2 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.004 | | 0.002 | | N | | 0.005 | | 0.002 | | N | | 0.005 | | 0.002 | | N | | 0.019 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 1.4 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 9.78 | | 0.04 | | N | | 9.22 | | 0.04 | | N | | 14.9 | | 0.04 | | N | | 6.29 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.131 | | 0.001 | | N | | 0.142 | | 0.001 | | N | | 0.15 | | 0.001 | | N | | 0.088 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0972 | | 0.0008 | | N | | 0.094 | | 0.0008 | | N | | 0.101 | | 0.0008 | | N | | 0.0949 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.053 | | 0.006 | | N | | 0.047 | | 0.006 | | N | | 0.082 | | 0.006 | | N | | 0.034 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 67.9 | | 0.2 | | N | | 69.9 | | 0.2 | | N | | 73.6 | | 0.2 | | N | | 59.6 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.015 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 24.5 | | 0.04 | | N | | 24.3 | | 0.04 | | N | | 24.3 | | 0.04 | | N | | 25.6 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.003 | | 0.002 | | N | | 0.003 | | 0.002 | | N | | 0.003 | | 0.002 | | N | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.7 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 9.74 | | 0.04 | | N | | 9.38 | | 0.04 | | N | | 15.1 | | 0.04 | | N | | 6.39 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.132 | | 0.001 | | N | | 0.14 | | 0.001 | | N | | 0.152 | | 0.001 | | N | | 0.089 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 9.1 | 7.1 | 13.2 | | N | | 6.5 | 9.4 | 16 | | N | | 15 | 9.2 | 12 | | N | | 1.9 | 6.3 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 9 | | 9 | < | N | | -0.82 | 4.4 | 7.5 | | N | | 2.2 | 5.6 | 9.7 | | N | | 2.3 | 5.6 | 9.8 | | N | | PCI/L |
| Radionuclides | Beta Activity | 7.7 | 6 | 12.8 | | N | | 0.17 | 6.6 | 12 | | N | | 9.4 | 7.2 | 11 | | N | | -1.7 | 8.7 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 46 | | 46 | < | N | | 16 | 22 | 39 | | N | | 21 | 28 | 51 | | N | | 16 | 30 | 53 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | 9.9 | 12 | 20 | | N | | -6.2 | 12 | 20 | | N | | 7 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.6 | | 3.6 | < | N | | 0.41 | 2 | 3 | | N | | -3.7 | 2.5 | 3.7 | | N | | 0.17 | 2.5 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.5 | | 3.5 | < | N | | -0.2 | 1.8 | 3.1 | | N | | 3.7 | 2.3 | 4.3 | | N | | 1.7 | 2.2 | 4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 27 | | 27 | < | N | | -15 | 20 | 33 | | N | | 2.2 | 46 | 80 | | N | | 28 | 45 | 81 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | 0.41 | 1.5 | 2.6 | | N | | 1.6 | 1.6 | 2.8 | | N | | 1.1 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.5 | | 3.5 | < | N | | -0.62 | 1.9 | 3.2 | | N | | -0.0023 | 3.4 | 5.9 | | N | | -1.3 | 3.4 | 5.8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.1 | | 4.1 | < | N | | 1.7 | 2.5 | 3.6 | | N | | 3.1 | 2.7 | 5 | | N | | 7.2 | 5.1 | 5.1 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.4 | | 8.4 | < | N | | 0.17 | 4.2 | 7.2 | | N | | 11 | 9.2 | 17 | | N | | 2.2 | 9.8 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3.7 | 4.6 | 5.3 | | N | | 2.3 | 60 | 4.6 | | N | | 0.52 | 5.3 | 6.8 | | N | | 5.9 | 5.9 | 6.8 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.6 | | 3.6 | < | N | | -0.059 | 1.8 | 3.1 | | N | | -0.28 | 2.4 | 4 | | N | | 0.94 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | N | | -0.22 | 2.5 | 4.3 | | N | | 5.8 | 5.5 | 10 | | N | | 1.8 | 5.1 | 9.1 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 8.1 | 60 | 54 | | N | | 47 | 50 | 30 | | N | | -20 | 56 | 71 | | N | | 5.4 | 56 | 41 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.11 | 0.27 | 1 | | N | | 0.26 | 0.35 | 0.6 | | N | | 0.2 | 0.28 | 0.46 | | N | | -0.016 | 0.4 | 0.74 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.37 | 0.7 | 1 | | N | | 0.009 | 0.07 | 1.4 | | N | | -1.1 | 2.6 | 1.3 | | N | | -0.22 | 0.85 | 1.5 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 32 | | 32 | < | N | | 15 | 17 | 29 | | N | | -3.6 | 22 | 37 | | N | | -0.42 | 21 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.9 | | 3.9 | < | N | | 0.042 | 1.7 | 3 | | N | | -0.058 | 2.3 | 4.1 | | N | | 0.33 | 2.3 | 4.2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 9.8 | 5.8 | 10 | | N | | 2.6 | 12 | 14 | | N | | 5.2 | 12 | 14 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.011 | 0.001 | 0.001 | | N | | 0.014 | 0.001 | 0 001 | | N | | 0.016 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.52 | 0.31 | | | N | | 0.42 | 0.04 | | | N | | 0.52 | 0 | | | N | | 0.41 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | 5.1 | | 5.1 | < | N | | -0.12 | 4.7 | 4.5 | | N | | -0.68 | 4.8 | 5.3 | | N | | 0.67 | 4.6 | 3.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 9.1 | | 9.1 | < | N | | -4.2 | 4.1 | 6.5 | | N | | -3.3 | 5.6 | 9.6 | | N | | -5.7 | 5.7 | 9.5 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.4 | | 8.4 | < | N | | -1.5 | 4.5 | 7.7 | | N | | -3.9 | 8 | 14 | | N | | -3.3 | 7.9 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 1 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 4 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 4 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 20 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 54 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 19 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 6 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 200 | | 5 | | N | | 200 | | 5 | | N | | 200 | | 5 | | N | | 220 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2.1 | | 2 | | N | | 6.2 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 530 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 380 | | 5 | | N | | 380 | | 5 | | N | | 350 | | 5 | | N | | 280 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 44 | | 2 | | N | | 40 | | 2 | | N | | 32 | | 2 | | N | | 38 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 15.6 | | 1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 10.8 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 35 | | 10 | | N | | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.43 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 6.7 | | 0.2 | | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 6.2 | | 0.2 | | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0959 | | 0.0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.048 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 70 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.017 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 24.3 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.005 | | 0.002 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 1.8 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 9.23 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.141 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0931 | | 0.0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.048 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 70 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.015 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0 02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.02 | | 0.02 | | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | | | | | | | 24.3 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.005 | | 0.002 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 1.6 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 9.32 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.139 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 2.8 | 8.1 | 14 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 2.3 | 4.7 | 8.2 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 1.6 | 6.5 | 11 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 32 | 23 | 43 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | -2.8 | 9.5 | 16 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 1.7 | 1.9 | 3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 2.1 | 2 | 3.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | -21 | 22 | 37 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 0.072 | 1.2 | 2 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | -0.66 | 2.2 | 3.7 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 2.3 | 2.4 | 4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | -7.9 | 6.3 | 8.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 3.5 | 5.3 | 4.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | -0.42 | 2 | 3.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 2.2 | 2.6 | 4.8 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | -8 | 49 | 65 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | 0.49 | 0.39 | 0.52 | | N | | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | 0.55 | 1.2 | 1.3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -18 | 16 | 27 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | -0.57 | 2 | 3.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 0.19 | 9 | 11 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.013 | 0.001 | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 0.45 | 0.01 | | | N | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | -2.4 | 4.6 | 4.3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | 4.9 | 4 6 | 7.8 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | -6.9 | 5.2 | 8.4 | | N | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 2 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 5 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 5 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 19 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 50 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 18 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 5 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 220 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 4.5 | | 2 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 390 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 41 | | 2 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 051 Trip Blank for Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 054

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | 72.8 | | 1 | | N | | 2.56 | | 1 | | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 1.1 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 1.8 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | 219 | | 10 | | N | | 10 | | 10 | < | N | | 2.27 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 2.6 | | 0.1 | | N | | 0.02 | | 0.1 | | N | | 0.73 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.13 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0362 | | 0.0008 | | N | | 0.0022 | | 0.0008 | | N | | 0.0026 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | 0.037 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.007 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | 90.8 | | 0.2 | | N | | 1.4 | | 0.2 | | N | | 2.1 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | 0.012 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | 0.024 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | 0.15 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | 25.6 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.2 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.009 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | 4.6 | | 0.6 | | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | 66.4 | | 0.04 | | N | | 0.1 | | 0.04 | | N | | 0.43 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.227 | | 0.001 | | N | | 0.004 | | 0.001 | | N | | 0.006 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.25 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.09 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0308 | | 0.0008 | | N | | 0.0022 | | 0.0008 | | N | | 0.0025 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.037 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.007 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 90.58 | | 0.2 | | N | | 1.5 | | 0.2 | | N | | 2.1 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.009 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 054

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | | | | | | | 25.6 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.2 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.003 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 4.5 | | 0.6 | | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 65 | | 0.04 | | N | | 0.11 | | 0.04 | | N | | 0.43 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.223 | | 0.001 | | N | | 0.004 | | 0.001 | | N | | 0.006 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.09 | | 0.01 | | N | | 0.01 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 8.2 | 10 | 17 | | N | | -4.3 | 7.2 | 15 | | N | | 1.9 | 2.1 | 2.8 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | -6.1 | 5.1 | 8.2 | | N | | 2 | 4.6 | 8 | | N | | -0.88 | 4.6 | 7.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 5.3 | 7.3 | 12 | | N | | 0.78 | 7.2 | 13 | | N | | -2.7 | 6.5 | 12 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | -6.1 | 28 | 47 | | N | | 31 | 24 | 44 | | N | | 43 | 22 | 41 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 5.9 | 11 | 19 | | N | | 6.7 | 11 | 18 | | N | | -10 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | -1.6 | 5.1 | 3.2 | | N | | -0.18 | 2.2 | 3.2 | | N | | -6 | 2 | 2.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | -0.46 | 2.3 | 3.6 | | N | | 1.8 | 2.9 | 3.1 | | N | | -0.43 | 1.7 | 2.8 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 13 | 23 | 39 | | N | | 5 | 19 | 33 | | N | | -25 | 40 | 66 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 0.87 | 1.4 | 2.4 | | N | | 0.37 | 1.4 | 2.3 | | N | | -1.6 | 1.6 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | 1.7 | 2.4 | 4.3 | | N | | -0.85 | 2.2 | 3.6 | | N | | 0.7 | 2 6 | 4.6 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 3.3 | 2.7 | 4.4 | | N | | 1.8 | 2.3 | 4.2 | | N | | 2.8 | 1.9 | 3.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | -1.2 | 6.9 | 9.9 | | N | | -1.2 | 4.8 | 8.4 | | N | | 0.92 | 6.6 | 11 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 2.4 | 6 | 4.9 | | N | | -0.58 | 4 8 | 5.7 | | N | | 4.5 | 5 | 4.5 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 0.22 | 2.2 | 3.8 | | N | | -0.55 | 2.1 | 3.6 | | N | | -1.3 | 1.8 | 3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | -2.7 | 2.8 | 4.7 | | N | | 1.6 | 2.5 | 4.6 | | N | | 8 | 4.4 | 8 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | -35 | 55 | 70 | | N | | 46 | 56 | 36 | | N | | 29 | 48 | 28 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | 0.19 | 0.33 | 0.64 | | N | | -0.009 | 0.57 | 0.97 | | N | | -0 059 | 0.32 | 0.75 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 054

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | 0.42 | 1.7 | 1.3 | | N | | -1.3 | 1.4 | 1.8 | | N | | 0.26 | 1.4 | 1.8 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -0.33 | 20 | 33 | | N | | 9.3 | 17 | 30 | | N | | 11 | 17 | 29 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | 0.61 | 2.3 | 4.1 | | N | | -0.32 | 2.1 | 3.6 | | N | | -0.64 | 1.7 | 3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 10 | 9.1 | 12 | | N | | 1.3 | 11 | 12 | | N | | 1 | 9.7 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | N | | | | | | N | | | | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | 3.4 | 5.1 | 3.6 | | N | | -2.3 | 4.4 | 4.8 | | N | | 8.4 | 5.6 | 3.5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | 1.2 | 5.9 | 8.8 | | N | | -5.3 | 4.4 | 7.2 | | N | | -4 | 4.3 | 6.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 3.7 | 5.8 | 10 | | N | | -0.59 | 4.9 | 8.5 | | N | | 2.6 | 5.9 | 10 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 2 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 054

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 110 | | 5 | | N | | 8.3 | | 5 | | N | | 5.4 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5.1 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 4.8 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 740 | | 5 | | N | | 15 | | 5 | | N | | 6 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 19 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 054 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 7.1 | | 1 | | N | | 11.1 | | 1 | | N | | 14 | | 1 | | N | | 13.5 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 5.4 | | 0.1 | | N | | 0.78 | | 0.1 | | N | | 0.46 | | 0.1 | | N | | 0.79 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 21 | | 10 | | N | | 27.6 | | 10 | | N | | 25.9 | | 10 | | N | | 25.1 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1 | | 0.1 | | N | | 1 | | 0.1 | | N | | 0.99 | | 0.1 | | N | | 0.69 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 2.1 | | 0.2 | | N | | 2.2 | | 0.2 | | N | | 3.2 | | 0.2 | | N | | 4.2 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5.4 | | 5 | | N | | 11 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 2 | | 0.2 | | N | | 2.3 | | 0.2 | | N | | 3.2 | | 0.2 | | N | | 5.4 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.1 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.029 | | 0.0008 | | N | | 0.0283 | | 0.0008 | | N | | 0.0294 | | 0.0008 | | N | | 0.0254 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | 0.01 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.018 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35.4 | | 0.2 | | N | | 35.6 | | 0.2 | | N | | 36.2 | | 0.2 | | N | | 27.7 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.62 | | 0.04 | | N | | 9.62 | | 0.04 | | N | | 10.2 | | 0.04 | | N | | 6.88 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.003 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.4 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.7 | | 0.04 | | N | | 5.11 | | 0.04 | | N | | 5.35 | | 0.04 | | N | | 4.78 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.09 | | 0.001 | | N | | 0.089 | | 0.001 | | N | | 0.093 | | 0.001 | | N | | 0.074 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.14 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.1 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0292 | | 0.0008 | | N | | 0.0274 | | 0.0008 | | N | | 0.0301 | | 0.0008 | | N | | 0.0327 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.01 | | 0.006 | | N | | 0.01 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.028 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 34.9 | | 0.2 | | N | | 36.1 | | 0.2 | | N | | 37.4 | | 0.2 | | N | | 33.9 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.35 | | 0.04 | | N | | 9.75 | | 0.04 | | N | | 10.5 | | 0.04 | | N | | 7.14 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.62 | | 0.04 | | N | | 5.27 | | 0.04 | | N | | 5.55 | | 0.04 | | N | | 6.75 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.091 | | 0.001 | | N | | 0.089 | | 0.001 | | N | | 0.095 | | 0.001 | | N | | 0.104 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 7.9 | 6.7 | 12.6 | | N | | 0.47 | 7.7 | 15 | | N | | -1.2 | 8 | 15 | | N | | 2.9 | 2.6 | 3.1 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 7.3 | | 7.3 | < | N | | -4 | 8.4 | 12 | | N | | 2.8 | 4.6 | 7.9 | | N | | -3.9 | 5.7 | 9.5 | | N | | PCi/L |
| Radionuclides | Beta Activity | -3.4 | 4.7 | 12.6 | | N | | 4.6 | 6.8 | 11 | | N | | 4.3 | 7.6 | 13 | | N | | -3.5 | 6.7 | 13 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 36 | | 36 | < | N | | 16 | 33 | 57 | | N | | 14 | 21 | 38 | | N | | 12 | 29 | 50 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | -26 | 22 | 31 | | N | | 0.32 | 12 | 19 | | N | | -9.5 | 12 | 19 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | -3.8 | 2.5 | 4.1 | | N | | -4.2 | 2 | 2.9 | | N | | 1.9 | 2.5 | 3.8 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 2.8 | | 2.8 | < | N | | 0.45 | 2.6 | 4.5 | | N | | 1.4 | 1.8 | 3.1 | | N | | 0.65 | 2.4 | 4.1 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 23 | | 23 | < | N | | 44 | 41 | 61 | | N | | 5.5 | 19 | 33 | | N | | 20 | 47 | 79 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | N | | 1 | 2.7 | 4.1 | | N | | -0.28 | 1.5 | 2.5 | | N | | 0.067 | 1.5 | 2.5 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 2.8 | | 2.8 | < | N | | -2.7 | 3.2 | 5.1 | | N | | -0.11 | 1.9 | 3.2 | | N | | 0.93 | 3.3 | 5.9 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 3.3 | | 3.3 | < | N | | 1.6 | 3 | 5.2 | | N | | 3.2 | 2 | 3.6 | | N | | 3.6 | 2.8 | 5 | | N | | PCi/L |
| Radionuclides | Iron-59 | 5.8 | | 5.8 | < | N | | -6.7 | 7.1 | 12 | | N | | -0.19 | 4.2 | 7.2 | | N | | 12 | 9.2 | 17 | | N | | PCi/L |
| Radionuclides | Lead-212 | 8.4 | 6 | 8.4 | | N | | -4.3 | 7 | 8.3 | | N | | -1.9 | 5.3 | 5.4 | | N | | 1.5 | 4.7 | 6 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 2.8 | | 2.8 | < | N | | -0.69 | 2.8 | 4.6 | | N | | 0.12 | 1.8 | 3.1 | | N | | 0.54 | 2.3 | 4.1 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 3 | | 3 | < | N | | 5.3 | 3.9 | 6.8 | | N | | 1.7 | 2.4 | 4.2 | | N | | 1.2 | 5.2 | 9.1 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 54 | | 54 | < | N | | -4.6 | 83 | 88 | | N | | 7.8 | 50 | 32 | | N | | 44 | 52 | 47 | | N | | PCi/L |
| Radionuclides | Radium-226 | 0.071 | 0.32 | 1 | | N | | 0.58 | 0.46 | 0.61 | | N | | -0.6 | 0.53 | 1.1 | | N | | 0.24 | 0.46 | 0.79 | | N | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.2 | 0.72 | 1 | | N | | 0.87 | 1.2 | 1.4 | | N | | -3.5 | 1.8 | 1.9 | | N | | -0.27 | 0.91 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 24 | | 24 | < | N | | 4 | 24 | 41 | | N | | -12 | 17 | 27 | | N | | 3.8 | 22 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | N | | -0.94 | 2.9 | 4.9 | | N | | 0.5 | 1.7 | 3.1 | | N | | 1 | 2.6 | 4.5 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 1.4 | 7.8 | 10.1 | | N | | 6.1 | 14 | 14 | | N | | 0.34 | 10 | 9.8 | | N | | 13 | 7.3 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.003 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | N | | | | | | N | | 0.78 | 0.13 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | N | | -2.8 | 6 | 6.4 | | N | | 1.1 | 4.6 | 3.6 | | N | | 0.97 | 5.2 | 3.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 5.9 | | 5.9 | < | N | | 1.8 | 6.4 | 11 | | N | | -6.9 | 4 | 6.1 | | N | | -5.9 | 6.1 | 9.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 6.6 | | 6.6 | < | N | | 4.9 | 7 | 12 | | N | | -0.5 | 4.5 | 7.7 | | N | | 0.083 | 8.1 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 13 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 120 | | 5 | | N | | 110 | | 5 | | N | | 73 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 7.1 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 260 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 190 | | 5 | | N | | 200 | | 5 | | N | | 160 | | 5 | | N | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 3 | | 2 | | N | | 19 | | 2 | | N | | 14 | | 2 | | N | | 7.8 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | N | | | | | | | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | 8.2 | | 1 | | N | | | | | | | | 10.6 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | 0.95 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | 23 | | 10 | | N | | | | | | | | 19.1 | | 10 | | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1 | | 0.1 | | N | | | | | | | | 0.98 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | 2 | | 0.2 | | N | | | | | | | | 2 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 2 | | 0.2 | | N | | | | | | | | 1.7 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.1 | | 0.04 | | N | | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0291 | | 0.0008 | | N | | | | | | | | 0.0333 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | | | | | | | 0.024 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | 34.8 | | 0.2 | | N | | | | | | | | 33.2 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | | | | | | | 0.043 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | | | | | | | 0.07 | | 0.06 | | N | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | 9.39 | | 0.04 | | N | | | | | | | | 6.51 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | | | | | | | 0.003 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.4 | | 0.6 | | N | | | | | | | | 1.5 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | 5.81 | | 0.04 | | N | | | | | | | | 5.93 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.091 | | 0.001 | | N | | | | | | | | 0.096 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | | | | | | | 0.06 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.1 | | 0.04 | | N | | | | | | | | 0.04 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0292 | | 0.0008 | | N | | | | | | | | 0.0333 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.011 | | 0.006 | | N | | | | | | | | 0.024 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 34.9 | | 0.2 | | N | | | | | | | | 34.6 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | | | | | | | 0.029 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 9.5 | | 0.04 | | N | | | | | | | | 7.06 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | 0.008 | | 0 008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.4 | | 0.6 | | N | | | | | | | | 1.4 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 5.84 | | 0.04 | | N | | | | | | | | 6.12 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.091 | | 0.001 | | N | | | | | | | | 0.099 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0 01 | | 0.01 | < | N | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | N | | | | | | | | 0.07 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | -3.2 | 3.9 | 13.6 | | N | | | | | | | | 2.5 | 8.7 | 15 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 7.6 | | 7.6 | < | N | | | | | | | | -0.98 | 4.5 | 7.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | -4.2 | 4.3 | 11.8 | | N | | | | | | | | 0.32 | 7.4 | 13 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 39 | | 39 | < | N | | | | | | | | 16 | 22 | 39 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | | | | | | | -1.9 | 12 | 19 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 2.7 | | 2.7 | < | N | | | | | | | | -4.7 | 2 | 2.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 2.8 | | 2.8 | < | N | | | | | | | | 1.4 | 1.7 | 3 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 34 | | 34 | < | N | | | | | | | | -10 | 20 | 34 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | | | | | | | 0.34 | 1.5 | 2.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | | | | | | | -0.56 | 2 | 3.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 3.5 | | 3.5 | < | N | | | | | | | | 0.51 | 2.2 | 3.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 7.3 | | 7.3 | < | N | | | | | | | | -2.3 | 5.6 | 7.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 5.3 | | 5.3 | < | N | | | | | | | | 2.8 | 5.7 | 4.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3 | | 3 | < | N | | | | | | | | -0.065 | 1.7 | 3 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 6.6 | | 6.6 | < | N | | | | | | | | 0.49 | 2.4 | 4.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 17 | 37 | 17 | | N | | | | | | | | -0.9 | 42 | 52 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | -0.25 | 0.45 | 1.04 | | N | | | | | | | | 0.34 | 0.35 | 0.51 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | -0.41 | 2.2 | 1.72 | | N | | | | | | | | 0.2 | 0.96 | 1.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | N | | | | | | | | 6.1 | 17 | 29 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4.1 | | 4.1 | < | N | | | | | | | | 1 | 1.9 | 3.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | | | | | | | -3.9 | 9.6 | 10 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | | | | | | | 0.001 | | 0.001 | < | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | | | | | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | 4.8 | | 4.8 | < | N | | | | | | | | -1.6 | 4.3 | 4.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 8.9 | | 8.9 | < | N | | | | | | | | -4.5 | 4.7 | 6.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 9.9 | | 9.9 | < | N | | | | | | | | -1.1 | 4.6 | 7.9 | | N | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | | | | | | | 110 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | | | | | | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 270 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | N | | | | | | | | 170 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 3.6 | | 2 | | N | | | | | | | | 19 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 055 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 067

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 11 | | 1 | | N | | 74 | | 1 | | N | | 11.4 | | 1 | | N | | 15.5 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.74 | | 0.1 | | N | | 2.77 | | 0.1 | | N | | 0.46 | | 0.1 | | N | | 0.72 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 22 | | 10 | | N | | 37.1 | | 10 | | N | | 22 | | 10 | | N | | 28.3 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.96 | | 0.1 | | N | | 0.9 | | 0.1 | | N | | 0.89 | | 0.1 | | N | | 0.7 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0346 | | 0.0008 | | N | | 0.0376 | | 0.0008 | | N | | 0.0405 | | 0.0008 | | N | | 0.0516 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.013 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | 0.02 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 37.1 | | 0.2 | | N | | 39.7 | | 0.2 | | N | | 39.9 | | 0.2 | | N | | 42.4 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.007 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.09 | | 0.04 | | N | | 9.6 | | 0.04 | | N | | 9.87 | | 0.04 | | N | | 7.93 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | 0.005 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.7 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.87 | | 0.04 | | N | | 5.55 | | 0.04 | | N | | 5.86 | | 0.04 | | N | | 6.69 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.1 | | 0.001 | | N | | 0.102 | | 0.001 | | N | | 0.104 | | 0.001 | | N | | 0.122 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0351 | | 0.0008 | | N | | 0.0362 | | 0.0008 | | N | | 0.0407 | | 0.0008 | | N | | 0.0509 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.014 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 37.3 | | 0.2 | | N | | 40 | | 0.2 | | N | | 41 | | 0.2 | | N | | 41.8 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0 02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0 06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 067

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.24 | | 0.04 | | N | | 9.65 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | 7.82 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.003 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.7 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 3.1 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.89 | | 0.04 | | N | | 5.66 | | 0.04 | | N | | 6.07 | | 0.04 | | N | | 6.62 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.1 | | 0.001 | | N | | 0.101 | | 0.001 | | N | | 0.107 | | 0.001 | | N | | 0.12 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 3.2 | 5.9 | 13.7 | | N | | 2.8 | 8.1 | 14 | | N | | 0 | 17 | 15 | | N | | 2.5 | 2.4 | 3 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.2 | | 7.2 | < | N | | 0.51 | 4.6 | 7.9 | | N | | -4.2 | 5.8 | 9.5 | | N | | -2.6 | 5.9 | 9.9 | | N | | PCI/L |
| Radionuclides | Beta Activity | -4.5 | 4.3 | 11.8 | | N | | 3.2 | 6.6 | 11 | | N | | -4.8 | 6.9 | 13 | | N | | 3.6 | 7.2 | 12 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 3.9 | | 3.9 | < | N | | 11 | 21 | 38 | | N | | -9.6 | 27 | 46 | | N | | -2.9 | 28 | 48 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 8.4 | 12 | 20 | | N | | 5.5 | 11 | 19 | | N | | -8.5 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.7 | | 2.7 | < | N | | -2.6 | 2.2 | 2.8 | | N | | -1.9 | 2.5 | 3.5 | | N | | -0.14 | 2.6 | 3.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3 | | 3 | < | N | | 0.51 | 1.8 | 3 | | N | | 0.05 | 2.2 | 3.7 | | N | | -0.043 | 2.1 | 3.7 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 33 | | 33 | < | N | | -4 | 21 | 36 | | N | | -24 | 25 | 40 | | N | | 43 | 51 | 86 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | 0.12 | 1.5 | 2.6 | | N | | 0.2 | 1.5 | 2.5 | | N | | -0.44 | 1.5 | 2.5 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | 0.21 | 2.1 | 3.6 | | N | | -1.1 | 2.5 | 4.2 | | N | | -1.7 | 3.4 | 5.6 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.5 | | 3.5 | < | N | | 3.4 | 2 | 3.7 | | N | | -0.13 | 2.5 | 4.4 | | N | | -1.5 | 2.3 | 3.9 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.3 | | 7.3 | < | N | | 1.5 | 4.4 | 7.6 | | N | | 2.8 | 5.8 | 10 | | N | | 0.79 | 8.8 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.3 | | 5.3 | < | N | | 2.9 | 5.1 | 4.9 | | N | | 1.4 | 6 3 | 5 6 | | N | | 0.44 | 5.8 | 6 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.9 | | 2.9 | < | N | | 1.1 | 1.9 | 3.3 | | N | | -0.82 | 2.3 | 3.9 | | N | | 1.8 | 2.4 | 4.2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.9 | | 3.9 | < | N | | 0.61 | 2.5 | 4.3 | | N | | -1.5 | 3.1 | 5.1 | | N | | 5.9 | 5.6 | 9.9 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 2.3 | 39 | 54 | | N | | 35 | 44 | 29 | | N | | 18 | 54 | 47 | | N | | 13 | 57 | 39 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.09 | 0.23 | 0.85 | | N | | -0.02 | 0.18 | 0.61 | | N | | -0.11 | 0.38 | 0.91 | | N | | -0.18 | 0.31 | 0.77 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 067

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.5 | 6.3 | 1.49 | | N | | 0.66 | 1.2 | 1.1 | | N | | -1.8 | 1.3 | 1.5 | | N | | -0.11 | 0.53 | 1.1 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 29 | < | N | | 2.2 | 16 | 27 | | N | | 6.2 | 21 | 36 | | N | | -9.9 | 22 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 2.9 | | 2.9 | < | N | | 0.65 | 1.8 | 3.2 | | N | | -0.53 | 2.6 | 4.4 | | N | | -2.1 | 2.5 | 4.1 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 9.5 | | 9.5 | < | N | | 5.4 | 11 | 11 | | N | | 6.9 | 12 | 13 | | N | | 10 | 12 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | N | | | | | | N | | 0.79 | 0.1 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | N | | 1.6 | 4.7 | 4.5 | | N | | -0.92 | 4.4 | 5.1 | | N | | 2.2 | 4.7 | 3.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 5.9 | | 5.9 | < | N | | 0.52 | 4.1 | 7.1 | | N | | -3.7 | 5 | 8.4 | | N | | 0.067 | 6.3 | 9.1 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.2 | | 8.2 | < | N | | -1.8 | 4.5 | 7.7 | | N | | -1.7 | 5.7 | 9.5 | | N | | 3 | 7.9 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 067

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 9 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | N | | 110 | | 5 | | N | | 170 | | 5 | | N | | 98 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 4.3 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 260 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 210 | | 5 | | N | | 200 | | 5 | | N | | 150 | | 5 | | N | | 160 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 4.7 | | 2 | | N | | 19 | | 2 | | N | | 4.5 | | 2 | | N | | 3.7 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 067 Trip Blank

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 8.7 | | 1 | | N | | 14 | | 1 | | N | | 11.8 | | 1 | | N | | 13.8 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 0.25 | | 0.1 | | N | | 0.26 | | 0.1 | | N | | 1.36 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 20 | | 10 | | N | | 11 | | 10 | | N | | 15.7 | | 10 | | N | | 29.4 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.57 | | 0.1 | | N | | 0.3 | | 0.1 | | N | | 0.57 | | 0.1 | | N | | 0.64 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 9 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.0286 | | 0.0008 | | N | | 0.0102 | | 0.0008 | | N | | 0.0311 | | 0.0008 | | N | | 0.0529 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.013 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.014 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 25.1 | | 0.2 | | N | | 12.6 | | 0.2 | | N | | 28.2 | | 0.2 | | N | | 45.2 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 5.24 | | 0.04 | | N | | 3.32 | | 0.04 | | N | | 6.04 | | 0.04 | | N | | 9.13 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | | N | | 0.003 | | 0.002 | | N | | 0.006 | | 0.002 | | N | | 0.012 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.2 | | 0.6 | | N | | 0.6 | | 0.6 | < | N | | 1.4 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 3.54 | | 0.04 | | N | | 1.71 | | 0.04 | | N | | 3.8 | | 0.04 | | N | | 6.68 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.077 | | 0.001 | | N | | 0.031 | | 0.001 | | N | | 0.084 | | 0.001 | | N | | 0.139 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.02 | | 0.01 | | N | | 0.04 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0288 | | 0.0008 | | N | | 0.0097 | | 0.0008 | | N | | 0.031 | | 0.0008 | | N | | 0.0523 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.013 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.011 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 25.2 | | 0.2 | | N | | 12.5 | | 0.2 | | N | | 28.2 | | 0.2 | | N | | 45.2 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 5.32 | | 0.04 | | N | | 3.25 | | 0.04 | | N | | 6.06 | | 0.04 | | N | | 9.07 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | | N | | 0.003 | | 0.002 | | N | | 0.007 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.2 | | 0.6 | | N | | 0.6 | | 0.6 | < | N | | 1.3 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 3.56 | | 0.04 | | N | | 1.72 | | 0.04 | | N | | 3.78 | | 0.04 | | N | | 6.62 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.077 | | 0.001 | | N | | 0.03 | | 0.001 | | N | | 0.084 | | 0.001 | | N | | 0.139 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.02 | | 0.01 | | N | | 0.04 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | -3.1 | 3.8 | 13.4 | | N | | 6.6 | 8.4 | 14 | | N | | 5.3 | 8.8 | 15 | | N | | 4.1 | 3 | 3.1 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.4 | | 7.4 | < | N | | -1.1 | 5.5 | 9.1 | | N | | 0.43 | 4.5 | 7.7 | | N | | 0.14 | 5.6 | 9.5 | | N | | PCI/L |
| Radionuclides | Beta Activity | -1.8 | 4.5 | 11.7 | | N | | 0.2 | 6.2 | 11 | | N | | -6.4 | 7.7 | 14 | | N | | 6.7 | 7.6 | 12 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | N | | -2.8 | 26 | 45 | | N | | 25 | 21 | 39 | | N | | 32 | 30 | 54 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | -6.5 | 14 | 23 | | N | | 7.8 | 12 | 20 | | N | | 6.6 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3 | | 3 | < | N | | -3.9 | 2.3 | 3.6 | | N | | -5.2 | 2 | 2.9 | | N | | -3.2 | 2.5 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3 | | 3 | < | N | | 1.2 | 2.1 | 3.8 | | N | | 0.9 | 1.8 | 3 | | N | | 2.1 | 2.1 | 3.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 36 | | 36 | < | N | | 19 | 26 | 45 | | N | | -17 | 18 | 30 | | N | | -1.6 | 51 | 88 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | 0.5 | 1.8 | 3 | | N | | 1.5 | 1.5 | 2.6 | | N | | 0.81 | 1.5 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.4 | | 3.4 | < | N | | 0.6 | 2.6 | 4.4 | | N | | -0.13 | 1.9 | 3.3 | | N | | -3.6 | 3.4 | 5.6 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.3 | | 3.3 | < | N | | 4.3 | 2.3 | 4.4 | | N | | 1.7 | 1.8 | 3.2 | | N | | 5.3 | 4.3 | 5.2 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.6 | | 7.6 | < | N | | 5.2 | 5.6 | 10 | | N | | 0.92 | 4.1 | 7.2 | | N | | 16 | 9.5 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.4 | | 5.4 | < | N | | 3.8 | 6.7 | 5.2 | | N | | 3.5 | 4.5 | 5.5 | | N | | 2.5 | 5.1 | 5.5 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2 9 | | 2.9 | < | N | | -1.5 | 2.2 | 3.6 | | N | | 1.3 | 1.7 | 3.1 | | N | | -0.92 | 2 6 | 4.4 | | N | | PCI/L |
| Radionuclides | Nioblum-95 | 4.4 | | 4.4 | < | N | | 1.7 | 3.1 | 5.5 | | N | | -0.79 | 2.2 | 3.8 | | N | | 3 | 5.3 | 9.6 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 60 | 43 | 54 | | N | | 91 | 60 | 36 | | N | | 45 | 44 | 27 | | N | | 24 | 66 | 38 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1.1 | 0.79 | 1.08 | | N | | 0.12 | 0.35 | 0.56 | | N | | 0.045 | 0.25 | 0.63 | | N | | -0.31 | 0.36 | 0.88 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.56 | 1.1 | 1.8 | | N | | 0.91 | 1.82 | 1.2 | | N | | 0.6 | 1 | 1.3 | | N | | -0.26 | 0.72 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | N | | -6.7 | 20 | 34 | | N | | -1.4 | 17 | 29 | | N | | -33 | 22 | 34 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 2.9 | | 2.9 | < | N | | 0.3 | 2.2 | 3.8 | | N | | -0.24 | 1.7 | 2.9 | | N | | -0.87 | 2.4 | 4.2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | N | | 5.6 | 13 | 11 | | N | | -3.3 | 7.7 | 9.7 | | N | | -3.9 | 12 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | 0.001 | 0.001 | | N | | 0.001 | | 0.001 | < | N | | 0.001 | 0 | 0.001 | | N | | 0.002 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.67 | 0.78 | | | N | | | | | | N | | 0.79 | 0.04 | | | N | | 0.63 | 0.09 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | N | | 0.5 | 4 | 4.6 | | N | | 0.84 | 4.5 | 3.5 | | N | | 3.6 | 5.3 | 3.6 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 | | 6 | < | N | | -2.5 | 4.6 | 7.8 | | N | | -1.4 | 4.1 | 6.8 | | N | | -3.8 | 5.4 | 9.1 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8 | | 8 | < | N | | 2.7 | 5.7 | 9.9 | | N | | -1.7 | 4.3 | 7.3 | | N | | 1.5 | 8.2 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 72 | | 5 | | N | | 37 | | 5 | | N | | 79 | | 5 | | N | | 120 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.23 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 16 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 170 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 120 | | 5 | | N | | 68 | | 5 | | N | | 95 | | 5 | | N | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 3.6 | | 2 | | N | | 5.5 | | 2 | | N | | 13 | | 2 | | N | | 16 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 6.7 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 0.26 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 15.2 | | 10 | | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.54 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0307 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.012 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 27.4 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 5.87 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.005 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1.3 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 3.71 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.082 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0303 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.011 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 27.7 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 5.97 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.003 | | 0.002 | | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.2 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 3.7 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.082 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 9.3 | 9.3 | 15 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | -1 | 5 | 8.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | -1.7 | 8 | 14 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | -6.7 | 28 | 45 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | 7 | 11 | 19 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -1.2 | 2.3 | 3.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 2.5 | 2.2 | 3.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -3 | 20 | 33 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | 0.088 | 1.4 | 2.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -1 | 2.3 | 4 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 1.7 | 2.4 | 4.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 0.49 | 5.4 | 9.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | -0.49 | 5.1 | 5.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | 1.9 | 2.1 | 3.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 4 | 2.7 | 5 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 19 | 59 | 54 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | -0.012 | 0.3 | 0.55 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | 1.4 | 1.6 | 1.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | -0.077 | 20 | 33 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -0.67 | 2.4 | 4 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 13 | 6.4 | 11 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | 0 | 0.001 | | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.74 | 0.03 | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 3.1 | 4.4 | 3.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | 2 | 5.1 | 8.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | 2 | 5.5 | 9.3 | | N | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 77 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 49 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 4.4 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 071 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 073

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 48.6 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 2.66 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 2.8 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 347 | | 10 | | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 3.3 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.12 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0487 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.045 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 122 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.01 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 34 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 5.3 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 35.8 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.297 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.11 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0487 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.043 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 121 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.009 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0 02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 34.8 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 073

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 5.1 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 36.1 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.299 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 8.4 | 11 | 18 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | 1.2 | 5.6 | 9.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | -4.9 | 8.6 | 15 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 3.5 | 28 | 47 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | -3.6 | 12 | 19 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -0.62 | 2.5 | 3.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | -0.78 | 2.6 | 3.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -9 | 23 | 38 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | -0.3 | 1.4 | 2.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | 1.6 | 2.4 | 4.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 4.3 | 2.4 | 4.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 6.3 | 5.5 | 10 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 0.16 | 6.6 | 5.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -0.097 | 2.2 | 3.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 3.5 | 2.9 | 5.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | -32 | 50 | 64 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | 0.2 | 0.35 | 0.68 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | 1.1 | 2.2 | 1.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | 3.4 | 19 | 34 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -0.72 | 2.4 | 4.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 11 | 12 | 12 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.93 | 4.6 | 3.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -0.54 | 5.1 | 8.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | -1.4 | 5.5 | 9.1 | | N | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 96 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 650 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 19 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 087

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 10.2 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 1.24 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 28.8 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.54 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 0.0244 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.062 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 47 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 9.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 0.012 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 2.8 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 8.15 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 0.105 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 0.0241 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.062 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 46.8 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0 06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 9.03 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 0.012 | | 0.002 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 087

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 8.16 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 0.105 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 21 | 7.1 | 3.3 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | 2.2 | 4.8 | 8.2 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | 5.5 | 7.9 | 13 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 22 | 22 | 41 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | -1.6 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | -6 | 2.2 | 3.1 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | 1.1 | 1.8 | 3.1 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | -67 | 48 | 75 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.46 | 1.7 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | -0.57 | 2.8 | 4.7 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 2.6 | 1.9 | 3.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | 2.9 | 7.4 | 13 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | 3.3 | 5.3 | 4.7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | -0.31 | 1.9 | 3.2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | -3.8 | 4.4 | 7.3 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | 21 | 42 | 29 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | -0.37 | 0.31 | 0.84 | | N | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | 0.44 | 1.2 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | 12 | 17 | 30 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | -0.99 | 1.7 | 3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | 0.97 | 10 | 11 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 0.005 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 0.64 | 0.08 | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | -0.073 | 4.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | -4.2 | 4.2 | 6.7 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | 2.5 | 6.4 | 11 | | N | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 41 | | 5 | | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 17 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 088

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 1.1 | | 1 | | N | | 45.8 | | 1 | | N | | 10.8 | | 1 | | N | | 10.5 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 1.87 | | 0.1 | | N | | 0.45 | | 0.1 | | N | | 1.73 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 2.9 | | 10 | | N | | 17.6 | | 10 | | N | | 23.2 | | 10 | | N | | 17.3 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.23 | | 0.1 | | N | | 0.62 | | 0.1 | | N | | 0.96 | | 0.1 | | N | | 0.9 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.34 | | 0.2 | | N | | 0.25 | | 0.2 | | N | | 0.33 | | 0.2 | | N | | 0.3 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.32 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 0.33 | | 0.2 | | N | | 0.26 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | UG/L |
| Metals ICP | Aluminum | 0.08 | | 0.04 | | N | | 0.13 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.08 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.0068 | | 0.0008 | | N | | 0.018 | | 0.0008 | | N | | 0.0265 | | 0.0008 | | N | | 0.0231 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.019 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.017 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 7.1 | | 0.2 | | N | | 22.1 | | 0.2 | | N | | 36.2 | | 0.2 | | N | | 27 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | 1.99 | | 0.04 | | N | | 6.03 | | 0.04 | | N | | 10.4 | | 0.04 | | N | | 7.1 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.004 | | 0.002 | | N | | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.004 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 0.6 | | 0.6 | < | N | | 0.9 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 2.2 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 0.84 | | 0.04 | | N | | 2.95 | | 0.04 | | N | | 5.38 | | 0.04 | | N | | 4.48 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.017 | | 0.001 | | N | | 0.053 | | 0.001 | | N | | 0.09 | | 0.001 | | N | | 0.07 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | 0.08 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.15 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.1 | | 0.04 | | N | | 0.05 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0068 | | 0.0008 | | N | | 0.0182 | | 0.0008 | | N | | 0.0294 | | 0.0008 | | N | | 0.0237 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.019 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.017 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 7.1 | | 0.2 | | N | | 22.7 | | 0.2 | | N | | 35.7 | | 0.2 | | N | | 27.1 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 088

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 2.02 | | 0.04 | | N | | 6.21 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | 6.94 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.004 | | 0.002 | | N | | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | 0.7 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 2.6 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 0.84 | | 0.04 | | N | | 3.01 | | 0.04 | | N | | 5.25 | | 0.04 | | N | | 4.52 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.017 | | 0.001 | | N | | 0.054 | | 0.001 | | N | | 0.092 | | 0.001 | | N | | 0.072 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | N | | 0.15 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | -1.4 | 4.5 | 13.4 | | N | | 0 | 18 | 13 | | N | | 3.3 | 8 | 14 | | N | | 2.2 | 4.8 | 8.4 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 6 | | 6 | < | N | | -1.1 | 5 | 8.6 | | N | | 0.67 | 5.7 | 9.6 | | N | | -0.67 | 5.6 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0.64 | 4.8 | 11.7 | | N | | -2.4 | 7.6 | 14 | | N | | -4.6 | 7.5 | 14 | | N | | 5.5 | 9 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 30 | | 30 | < | N | | 25 | 27 | 47 | | N | | 36 | 28 | 50 | | N | | 32 | 30 | 53 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 11 | | 11 | < | N | | 5.6 | 11 | 19 | | N | | 7.1 | 15 | 24 | | N | | 7.7 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.2 | | 2.2 | < | N | | 0.17 | 2.4 | 3.5 | | N | | 0.21 | 2.4 | 3.5 | | N | | -1.3 | 2.8 | 4 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.6 | | 2.6 | < | N | | 1.1 | 2.3 | 3.5 | | N | | 1.8 | 2.2 | 3.9 | | N | | -0.17 | 2.8 | 4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 30 | | 30 | < | N | | 21 | 25 | 43 | | N | | -20 | 29 | 48 | | N | | 41 | 54 | 91 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 1.3 | | 1.3 | < | N | | -0.69 | 1.4 | 2.3 | | N | | 0.9 | 1.9 | 3.2 | | N | | 0.41 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 2.9 | | 2.9 | < | N | | -1.4 | 2.6 | 4.4 | | N | | -1.3 | 2.7 | 4.4 | | N | | -3.8 | 3.3 | 5.4 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.2 | | 3.2 | < | N | | 1.6 | 2.4 | 4.2 | | N | | 1.4 | 2.3 | 4.2 | | N | | 4.9 | 2.8 | 5.2 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.1 | | 7.1 | < | N | | 1.5 | 6.4 | 11 | | N | | 3.1 | 5.7 | 10 | | N | | 6.7 | 9.9 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3.8 | | 3.8 | < | N | | -0.8 | 4.8 | 5.6 | | N | | 2.5 | 6.2 | 6.4 | | N | | 4.5 | 6.1 | 5.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.6 | | 2.6 | < | N | | 0.056 | 2.1 | 3.7 | | N | | -0.29 | 2.3 | 3.8 | | N | | 0.27 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.8 | | 3.8 | < | N | | 1.4 | 3.2 | 5.7 | | N | | 5.3 | 3.4 | 6.2 | | N | | -0.77 | 6 | 10 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 48 | 46 | 54 | | N | | -46 | 55 | 65 | | N | | 79 | 55 | 35 | | N | | -64 | 59 | 70 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.061 | 0.5 | 0.92 | | N | | -0.15 | 0.24 | 0.63 | | N | | 0.21 | 0.37 | 0.66 | | N | | -0.16 | 0.32 | 0.74 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 088

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.19 | 0.8 | 1.45 | | N | | 0.78 | 0.87 | 1 | | N | | 0.51 | 1.1 | 1.3 | | N | | -1 | 2.1 | 1.5 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 23 | | 23 | < | N | | 0.76 | 19 | 33 | | N | | -3.2 | 20 | 34 | | N | | -5.2 | 23 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 2.9 | | 2.9 | < | N | | 0.75 | 2.4 | 4.2 | | N | | -0.88 | 2.3 | 4 | | N | | 0.84 | 2.6 | 4.5 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 7.9 | | 7.9 | < | N | | 5.4 | 9.4 | 11 | | N | | 0.93 | 13 | 12 | | N | | 0.48 | 12 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.002 | 0 | 0.001 | | N | | 0.001 | | 0.001 | < | N | | 0.001 | 0 | 0.001 | | N | | 0.002 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.96 | 0.06 | | | N | | | | | | N | | 1.1 | 0.02 | | | N | | 1.3 | 0.8 | | | N | | WT |
| Radionuclides | Uranium-235 | 3.1 | | 3.1 | < | N | | -1.3 | 4.7 | 4.8 | | N | | 1.5 | 4.4 | 4.2 | | N | | 2 | 5.1 | 3.7 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 | | 6 | < | N | | -2.4 | 5.3 | 8.8 | | N | | -5.4 | 4.6 | 7.5 | | N | | -4.7 | 6.2 | 10 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 6.6 | | 6.6 | < | N | | 1.6 | 5.7 | 9.8 | | N | | 0.75 | 6.1 | 11 | | N | | -3.9 | 8.7 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 088

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 17 | | 5 | | N | | 70 | | 5 | | N | | 120 | | 5 | | N | | 90 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.45 | | 0.2 | | N | | 0.22 | | 0.2 | | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | 51 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 28 | | 5 | | N | | 130 | | 5 | | N | | 170 | | 5 | | N | | 140 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 3.6 | | 2 | | N | | 13 | | 2 | | N | | 4.6 | | 2 | | N | | 7.6 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 088 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 099

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 14 | | 1 | | N | | 22 | | 1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.77 | | 0.1 | | N | | 0.72 | | 0.1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 1.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 23 | | 10 | | N | | 21 | | 10 | | Y | J | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 0.96 | | 0.1 | | Y | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.24 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0298 | | 0.0008 | | N | | 0.029 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | 0.011 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 35.2 | | 0.2 | | N | | 36.1 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 9.41 | | 0.04 | | N | | 9.77 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.003 | | 0.002 | | N | | 0.003 | | 0.002 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.5 | | 0.6 | | N | | 1.4 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 5.58 | | 0.04 | | N | | 5.14 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.093 | | 0.001 | | N | | 0.091 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.03 | | 0.0008 | | N | | 0.0276 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.013 | | 0.006 | | N | | 0.01 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 35.3 | | 0.2 | | N | | 35.3 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 9.52 | | 0.04 | | N | | 9.52 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.003 | | 0.002 | | N | | 0.003 | | 0.002 | | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 099

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | 1.4 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 5.59 | | 0.04 | | N | | 5.1 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.093 | | 0.001 | | N | | 0.088 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.12 | | 0.01 | | N | | 0.12 | | 0.01 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Alpha Activity | 0.9 | 5.3 | 13.7 | | N | | 2.3 | 6.5 | 12 | | Y | R | | | | | | | | | | | | | PCi/L |
| Radionuclides | Antimony-125 | 12 | | 12 | < | N | | 8.3 | | 8.3 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Beta Activity | -2.9 | 4.4 | 11.8 | | N | | 3.7 | 6.5 | 11 | | Y | R | | | | | | | | | | | | | PCi/L |
| Radionuclides | Bismuth-212 | 58 | | 58 | < | N | | 42 | | 42 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cerium-144 | 32 | | 32 | < | N | | 16 | | 16 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cesium-134 | 4 | | 4 | < | N | | 3.2 | | 3.2 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cesium-137 | 4.6 | | 4.6 | < | N | | 3.4 | | 3.4 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Chromium-51 | 62 | | 62 | < | N | | 28 | | 28 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-57 | 4.1 | | 4.1 | < | N | | 2 | | 2 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-58 | 5.2 | | 5.2 | < | N | | 3.2 | | 3.2 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-60 | 5.4 | | 5.4 | < | N | | 4.3 | | 4.3 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Iron-59 | 12 | | 12 | < | N | | 7.3 | | 7.3 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Lead-212 | 2.4 | 7.8 | 5.3 | | N | | 6 | | 6 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Manganese-54 | 4.6 | | 4.6 | < | N | | 3.3 | | 3.3 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Niobium-95 | 6.8 | | 6.8 | < | N | | 3.7 | | 3.7 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Potassium-40 | 88 | | 88 | < | N | | 29 | 50 | 54 | | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Radium-226 | -0.34 | 0.8 | 2.16 | | N | | -0.72 | 0.5 | 1.2 | | Y | R | | | | | | | | | | | | | PCi/L |
| Radionuclides | Radium-228 | -0.61 | 1.2 | 1.16 | | N | | -0.63 | 4.8 | 1.3 | | Y | R | | | | | | | | | | | | | PCi/L |
| Radionuclides | Ruthenium-106 | 42 | | 42 | < | N | | 28 | | 28 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Sodium-22 | 4.9 | | 4.9 | < | N | | 3.1 | | 3.1 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Thallium-208 | 15 | | 15 | < | N | | 11 | | 11 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Uranium, Total | 0.001 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | Y | J | | | | | | | | | | | | | PCi/L |
| Radionuclides | Uranium-235 | 0.6 | 0.28 | | | N | | 0.22 | 0.06 | | | Y | J | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 6.6 | | 6.6 | < | N | | 4.5 | | 4.5 | < | Y | | | | | | | | | | | | | | WT |
| Radionuclides | Zinc-65 | 10 | | 10 | < | N | | 6.7 | | 6.7 | < | Y | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Zirconium-95 | 12 | | 12 | < | N | | 7.6 | | 7.6 | < | Y | | | | | | | | | | | | | | PCi/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | PCi/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 110 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 240 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | N | | 170 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 6.9 | | 2 | | N | | 18 | | 2 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 11 | | 1 | | N | | 31 | | 1 | | Y | J | 24.4 | | 1 | | N | | 17.9 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 2.9 | | 0.1 | | Y | J | 1.17 | | 0.1 | | N | | 1.05 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 24 | | 10 | | N | | 34 | | 10 | | Y | J | 27.7 | | 10 | | N | | 31.2 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.71 | | 0.1 | | N | | 0.7 | | 0.1 | | Y | | 0.7 | | 0.1 | | N | | 0.54 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.21 | | 0.2 | | N | | 0.27 | | 0.2 | | Y | | 0.28 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.25 | | 0.2 | | N | | 0.24 | | 0.2 | | Y | | 0.23 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Barium | 0.0365 | | 0.0008 | | N | | 0.0387 | | 0.0008 | | Y | | 0.0442 | | 0.0008 | | N | | 0.0551 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.02 | | 0.006 | | N | | 0.016 | | 0.006 | | Y | | 0.015 | | 0.006 | | N | | 0.022 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 35.6 | | 0.2 | | N | | 39.3 | | 0.2 | | Y | | 41.9 | | 0.2 | | N | | 48.4 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.33 | | 0.06 | | N | | 0.3 | | 0.06 | | Y | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | 8.5 | | 0.04 | | N | | 9.61 | | 0.04 | | Y | | 10.5 | | 0.04 | | N | | 9.27 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.13 | | 0.002 | | N | | 0.114 | | 0.002 | | Y | | 0.145 | | 0.002 | | N | | 0.193 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 1.3 | | 0.6 | | N | | 1.5 | | 0.6 | | Y | | 2 | | 0.6 | | N | | 2.3 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 6.84 | | 0.04 | | N | | 7.26 | | 0.04 | | Y | | 7.41 | | 0.04 | | N | | 9.59 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.09 | | 0.001 | | N | | 0.096 | | 0.001 | | Y | | 0.102 | | 0.001 | | N | | 0.12 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | 0.05 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | 0.07 | | 0.01 | | N | | 0.06 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.037 | | 0.0008 | | N | | 0.0371 | | 0.0008 | | Y | | 0.0418 | | 0.0008 | | N | | 0.0534 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.021 | | 0.006 | | N | | 0.015 | | 0.006 | | Y | | 0.017 | | 0.006 | | N | | 0.022 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 35.8 | | 0.2 | | N | | 38.5 | | 0.2 | | Y | | 41.3 | | 0.2 | | N | | 48.2 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 8.62 | | 0.04 | | N | | 9.41 | | 0.04 | | Y | | 10.3 | | 0.04 | | N | | 9.31 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.13 | | 0.002 | | N | | 0.112 | | 0.002 | | Y | | 0.121 | | 0.002 | | N | | 0.188 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 1.4 | | 0.6 | | N | | 1.6 | | 0.6 | | Y | | 1.7 | | 0.6 | | N | | 2.4 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 6.83 | | 0.04 | | N | | 7.19 | | 0.04 | | Y | | 7.32 | | 0.04 | | N | | 9.63 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.09 | | 0.001 | | N | | 0.093 | | 0.001 | | Y | | 0.101 | | 0.001 | | N | | 0.12 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.05 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | 0.04 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 0 | 19 | 13.7 | | N | | 6 | 7.4 | 12 | | Y | R | 4.6 | 8.4 | 14 | | N | | 7.6 | 5.9 | 8.5 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 8.5 | | 8.5 | < | N | | 7.6 | | 7.6 | < | Y | | 0.96 | 4.6 | 7.9 | | N | | 1.3 | 5.8 | 9.8 | | N | | PCi/L |
| Radionuclides | Beta Activity | 0 | 2.5 | 11.9 | | N | | 7.3 | 6.9 | 11 | | Y | R | -8 | 7.3 | 14 | | N | | 3 | 8.9 | 15 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 48 | | 48 | < | N | | 38 | | 38 | < | Y | | 30 | 24 | 44 | | N | | 5.4 | 28 | 48 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | 19 | | 19 | < | Y | | -4 | 11 | 19 | | N | | 1.3 | 15 | 25 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 3.4 | | 3.4 | < | N | | 2.8 | | 2.8 | < | Y | | -0.0089 | 2.2 | 3.2 | | N | | -2.6 | 2.3 | 3.7 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 2.2 | 1.9 | 3.2 | | N | | 3.3 | | 3.3 | < | Y | | 3.1 | 2.5 | 3.2 | | N | | 2.4 | 2.1 | 3.8 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 42 | | 42 | < | N | | 27 | | 27 | < | Y | | -3.6 | 22 | 39 | | N | | -19 | 56 | 94 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 2.5 | | 2.5 | < | N | | 2.5 | | 2.5 | < | Y | | 0.13 | 1.4 | 2.4 | | N | | -1.7 | 2.1 | 3.4 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 4.6 | | 4.6 | < | N | | 3.2 | | 3.2 | < | Y | | -1.1 | 2.4 | 4 | | N | | 0.19 | 3.3 | 5.7 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 4.5 | | 4.5 | < | N | | 3.4 | | 3.4 | < | Y | | 1.6 | 2.2 | 4 | | N | | 0.33 | 2.6 | 3.9 | | N | | PCi/L |
| Radionuclides | Iron-59 | 11 | | 11 | < | N | | 6.7 | | 6.7 | < | Y | | 4.9 | 5.9 | 11 | | N | | 3.7 | 10 | 16 | | N | | PCi/L |
| Radionuclides | Lead-212 | 0.8 | 4.6 | 5.3 | | N | | 2.4 | 5.1 | 5.3 | | Y | | 2.5 | 5.5 | 4.6 | | N | | -8.8 | 7.2 | 6.5 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 3.9 | | 3.9 | < | N | | 3 | | 3 | < | Y | | -0.3 | 2.2 | 3.7 | | N | | -1.2 | 2.5 | 4.1 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 5.6 | | 5.9 | < | N | | 3.5 | | 3.5 | < | Y | | 0.14 | 3 | 5.2 | | N | | 7.2 | 5.6 | 10 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 57 | 59 | 54 | | N | | 47 | 41 | 54 | | Y | | 58 | 5 | 31 | | N | | -55 | 65 | 79 | | N | | PCi/L |
| Radionuclides | Radium-226 | 0.56 | 1 | 2.22 | | N | | 0.18 | 0.82 | 1.3 | | Y | R | 0.13 | 0.3 | 0.61 | | N | | 0.003 | 0.41 | 0.77 | | N | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -1 | 1.5 | 1.2 | | N | | 0.18 | 0.3 | 1.5 | | Y | R | 0.51 | 0.8 | 1.2 | | N | | -0.69 | 0.83 | 1.5 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 32 | | 32 | < | N | | 27 | | 27 | < | Y | | -0.39 | 18 | 31 | | N | | -14 | 21 | 34 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 4.1 | | 4.1 | < | N | | 3.2 | | 3.2 | < | Y | | -1.4 | 2.2 | 3.8 | | N | | -0.77 | 2.3 | 3.9 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 10 | | 10 | < | Y | | 9.2 | 6.2 | 11 | | N | | 3.1 | 13 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | Y | J | 0.001 | 0 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 6.2 | 5.6 | | | N | | 7.1 | 0.77 | | | Y | J | 4 | 0.47 | | | N | | 1.9 | 0.1 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | N | | 4.4 | | 4.4 | < | Y | | 2.1 | 4.7 | 3.5 | | N | | -0.1 | 5 | 5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 8.2 | | 8.2 | < | N | | 6 | | 6 | < | Y | | -5.6 | 4.3 | 6.9 | | N | | -1.1 | 6.2 | 9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 9.8 | | 9.8 | < | N | | 7.1 | | 7.1 | < | Y | | -0.31 | 5.4 | 9.3 | | N | | 6.5 | 8.2 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 1 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 8 | | 10 | J | Y | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 95 | | 5 | | N | | 110 | | 5 | | Y | | 120 | | 5 | | N | | 120 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | 250 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 210 | | 5 | | N | | 230 | | 5 | | Y | | 180 | | 5 | | N | | 220 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 8.1 | | 2 | | N | | 20 | | 2 | | Y | | 9.2 | | 2 | | N | | 17 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | Y | UJ | | | | | | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | 23 | | 1 | | Y | J | | | | | | | 15.7 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 0.94 | | 0.1 | | Y | J | | | | | | | 0.95 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | 37 | | 10 | | Y | J | | | | | | | 49.2 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.8 | | 0.1 | | Y | | | | | | | | 0.41 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.26 | | 0.2 | | Y | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | Y | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | Y | U | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | Y | U | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 0.26 | | 0.2 | | Y | | | | | | | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | Y | U | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.07 | | 0.04 | | Y | | | | | | | | 0.04 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0392 | | 0.0008 | | Y | | | | | | | | 0.0538 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | 0.016 | | 0.006 | | Y | | | | | | | | 0.022 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | 39.6 | | 0.2 | | Y | | | | | | | | 47.2 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | 0.31 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | 9.71 | | 0.04 | | Y | | | | | | | | 9.03 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.115 | | 0.002 | | Y | | | | | | | | 0.191 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | 1.5 | | 0.6 | | Y | | | | | | | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | 7.32 | | 0.04 | | Y | | | | | | | | 9.33 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.097 | | 0.001 | | Y | | | | | | | | 0.117 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.05 | | 0.01 | | Y | | | | | | | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.07 | | 0.04 | | Y | | | | | | | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0373 | | 0.0008 | | Y | | | | | | | | 0.0525 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.016 | | 0.006 | | Y | | | | | | | | 0.023 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 38.7 | | 0.2 | | Y | | | | | | | | 47.3 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0 02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | 9.47 | | 0.04 | | Y | | | | | | | | 9.04 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.113 | | 0.002 | | Y | | | | | | | | 0.186 | | 0.002 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 1.5 | | 0.6 | | Y | | | | | | | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 7.25 | | 0.04 | | Y | | | | | | | | 9.35 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.094 | | 0.001 | | Y | | | | | | | | 0.117 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.05 | | 0.01 | | Y | | | | | | | | 0.04 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | 15 | 10 | 15 | | Y | J | | | | | | | 4.6 | 6.3 | 10 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 7.4 | | 7.4 | < | Y | UJ | | | | | | | 1.7 | 5.6 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | -2.6 | 7.2 | 13 | | Y | R | | | | | | | 11 | 9.8 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 42 | | 42 | < | Y | UJ | | | | | | | 32 | 28 | 50 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 16 | | 16 | < | Y | UJ | | | | | | | 8.4 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 3 | | 3 | < | Y | UJ | | | | | | | -0.5 | 2.5 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 3.3 | | 3.3 | < | Y | UJ | | | | | | | 2.9 | 2.7 | 3.7 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 31 | | 31 | < | Y | UJ | | | | | | | -18 | 65 | 110 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 2 | | 2 | < | Y | UJ | | | | | | | -0.46 | 1.6 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | 3.4 | | 3.4 | < | Y | UJ | | | | | | | 0.74 | 3.6 | 6.1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 4 | | 4 | < | Y | UJ | | | | | | | 0.83 | 2.6 | 4.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 7.7 | | 7.7 | < | Y | UJ | | | | | | | -2.7 | 11 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 5.6 | | 5.6 | < | Y | UJ | | | | | | | 0.71 | 5.7 | 5.9 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 3.3 | | 3.3 | < | Y | UJ | | | | | | | -2.1 | 2.4 | 3.8 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 4.2 | | 4.2 | < | Y | UJ | | | | | | | -2 | 6.6 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 21 | 51 | 54 | | Y | J | | | | | | | -11 | 44 | 66 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | 0.01 | 0.49 | 0.95 | | Y | R | | | | | | | 0.12 | 0.24 | 0.44 | | N | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | 0.14 | 0.47 | 2.3 | | Y | R | | | | | | | 0.2 | 0.33 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | 29 | | 29 | < | Y | UJ | | | | | | | 6.7 | 21 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | 3.4 | | 3.4 | < | Y | UJ | | | | | | | 0.044 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 12 | | 12 | < | Y | UJ | | | | | | | 0.57 | 13 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.001 | 0 | 0.001 | | Y | J | | | | | | | 0.004 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 6.4 | 0.23 | | | Y | J | | | | | | | 2.1 | 0.1 | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | 4.5 | | 4.5 | < | Y | UJ | | | | | | | -1.2 | 4.6 | 4.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | 7.3 | | 7.3 | < | Y | UJ | | | | | | | 1.7 | 5.8 | 10 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 8.5 | | 8.5 | < | Y | UJ | | | | | | | 3.3 | 8.3 | 14 | | N | | PCI/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 120 | | 10 | J | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 100 | | 5 | | Y | | | | | | | | 120 | | 5 | | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | | | | | | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | 230 | | 5 | | Y | | | | | | | | 230 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 19 | | 2 | | Y | | | | | | | | 11 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 109 Trip Blank for Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 113

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | 15 | | 1 | | N | | 25 | | 1 | | Y | J | 8.19 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.86 | | 0.1 | | N | | 0.67 | | 0.1 | | Y | J | 0.51 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | 24 | | 10 | | N | | 26 | | 10 | | Y | J | 17.7 | | 10 | | N | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 0.92 | | 0.1 | | Y | | 0.71 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 7.3 | | 0.2 | | Y | J | 2.3 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 6.2 | | 0.2 | | Y | J | 2.3 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0274 | | 0.0008 | | N | | 0.0262 | | 0.0008 | | Y | | 0.0227 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | 0.01 | | 0.006 | | Y | | 0.009 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | 33.1 | | 0.2 | | N | | 33.1 | | 0.2 | | Y | | 29.4 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | 0.015 | | 0.006 | | N | | 0.011 | | 0.006 | | Y | | 0.024 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | 8.87 | | 0.04 | | N | | 9 | | 0.04 | | Y | | 8.02 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.4 | | 0.6 | | Y | | 1.4 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | 5.29 | | 0.04 | | N | | 4.8 | | 0.04 | | Y | | 4.11 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.087 | | 0.001 | | N | | 0.083 | | 0.001 | | Y | | 0.073 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | 0.09 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.06 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0277 | | 0.0008 | | N | | 0.0249 | | 0.0008 | | Y | | 0.0224 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.012 | | 0.006 | | N | | 0.009 | | 0.006 | | Y | | 0.011 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 33.1 | | 0.2 | | N | | 32.8 | | 0.2 | | Y | | 28.6 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.015 | | 0.006 | | N | | 0.01 | | 0.006 | | Y | | 0.021 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 113

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 8.97 | | 0.04 | | N | | 8.82 | | 0.04 | | Y | | 7.84 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | 1.5 | | 0.6 | | Y | | 1.4 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 5.32 | | 0.04 | | N | | 4.74 | | 0.04 | | Y | | 4.01 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.087 | | 0.001 | | N | | 0.081 | | 0.001 | | Y | | 0.072 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | 0.08 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | -2.3 | 4.2 | 13.6 | | N | | 1.4 | 6.3 | 12 | | Y | R | 2 | 7.9 | 14 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 13 | | 13 | < | N | | 7.2 | | 7.2 | < | Y | | 2.4 | 4.6 | 8 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | -0.81 | 4.7 | 11.8 | | N | | 2.9 | 6.4 | 11 | | Y | R | -3 | 7.6 | 14 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 58 | | 58 | < | N | | 37 | | 37 | < | Y | | 34 | 25 | 47 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 32 | | 32 | < | N | | 19 | | 19 | < | Y | | 2.1 | 11 | 18 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 4.2 | | 4.2 | < | N | | 2.8 | | 2.8 | < | Y | | -0.41 | 2.2 | 3.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 4.7 | | 4.7 | < | N | | 3 | | 3 | < | Y | | 0.92 | 2 | 3.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 64 | | 64 | < | N | | 27 | | 27 | < | Y | | -16 | 23 | 39 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 4.1 | | 4.1 | < | N | | 2.5 | | 2.5 | < | Y | | -0.06 | 1.4 | 2.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 5.3 | | 5.3 | < | N | | 3 | | 3 | < | Y | | -0.4 | 2.3 | 3.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 5.2 | | 5.2 | < | N | | 3.5 | | 3.5 | < | Y | | 4.1 | 2.8 | 4.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 12 | | 12 | < | N | | 6.7 | | 6.7 | < | Y | | -0.85 | 5.7 | 10 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 2.5 | 7.7 | 5.3 | | N | | 1 | 5.2 | 5.3 | | Y | | 3.9 | 5.6 | 4.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 4.6 | | 4.6 | < | N | | 3 | | 3 | < | Y | | 0.48 | 2.1 | 3.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 7.1 | | 7.1 | < | N | | 3.5 | | 3.5 | < | Y | | 3.3 | 3.1 | 5.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 88 | | 88 | < | N | | 52 | | 52 | < | Y | | 21 | 47 | 46 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0.52 | 1.1 | 2.36 | | N | | -0.67 | 0.62 | 1.4 | | Y | R | 0.37 | 0.38 | 0.58 | | N | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 113

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0 | 0.89 | 1.48 | | N | | -0.92 | 4.3 | 1.5 | | Y | R | -0.55 | 0.83 | 1.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 42 | | 42 | < | N | | 26 | | 26 | < | Y | | 5.8 | 17 | 31 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4.7 | | 4.7 | < | N | | 3.1 | | 3.1 | < | Y | | 0.5 | 2 | 3.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 15 | | 15 | < | N | | 9.9 | | 9.9 | < | Y | | 0.19 | 9.2 | 12 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | Y | UJ | | | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | 6.7 | | 6.7 | < | N | | 4.4 | | 4.4 | < | Y | | 2.2 | 4.4 | 3.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 10 | | 10 | < | N | | 6.3 | | 6.3 | < | Y | | 3.3 | 4.4 | 7.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 12 | | 12 | < | N | | 6.8 | | 6.8 | < | Y | | -1.7 | 5.7 | 9.7 | | N | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 113

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 97 | | 5 | | N | | 99 | | 5 | | Y | | 90 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 6 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 230 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 190 | | 5 | | N | | 190 | | 5 | | Y | | 130 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 7.3 | | 2 | | N | | 15 | | 2 | | Y | | 16 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 122

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 8.2 | | 1 | | N | | 12 | | 1 | | Y | J | 12.5 | | 1 | | N | | 10.4 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.66 | | 0.1 | | N | | 0.69 | | 0.1 | | Y | J | 0.45 | | 0.1 | | N | | 0.53 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 21 | | 10 | | N | | 32 | | 10 | | Y | J | 25.1 | | 10 | | N | | 18.2 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 0.91 | | 0.1 | | Y | | 0.93 | | 0.1 | | N | | 0.93 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0287 | | 0.0008 | | N | | 0.0264 | | 0.0008 | | Y | | 0.0275 | | 0.0008 | | N | | 0.0248 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.013 | | 0.006 | | N | | 0.01 | | 0.006 | | Y | | 0.011 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 34.9 | | 0.2 | | N | | 35.8 | | 0.2 | | Y | | 36.3 | | 0.2 | | N | | 26.8 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.44 | | 0.04 | | N | | 9.81 | | 0.04 | | Y | | 10.4 | | 0.04 | | N | | 6.73 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.4 | | 0.6 | | Y | | 1.5 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.58 | | 0.04 | | N | | 5.13 | | 0.04 | | Y | | 5.35 | | 0.04 | | N | | 4.42 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.092 | | 0.001 | | N | | 0.088 | | 0.001 | | Y | | 0.092 | | 0.001 | | N | | 0.071 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.13 | | 0.01 | | N | | 0.13 | | 0.01 | | Y | | 0.14 | | 0.01 | | N | | 0.14 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.029 | | 0.0008 | | N | | 0.0251 | | 0.0008 | | Y | | 0.0272 | | 0.0008 | | N | | 0.0246 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.013 | | 0.006 | | N | | 0.008 | | 0.006 | | Y | | 0.012 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 35 | | 0.2 | | N | | 35.1 | | 0.2 | | Y | | 35.7 | | 0.2 | | N | | 26.6 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 122

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.56 | | 0.04 | | N | | 9.6 | | 0.04 | | Y | | 10.2 | | 0.04 | | N | | 6.7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.7 | | 0.6 | | N | | 1.4 | | 0.6 | | Y | | 1.5 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.61 | | 0.04 | | N | | 5.1 | | 0.04 | | Y | | 5.23 | | 0.04 | | N | | 4.4 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.092 | | 0.001 | | N | | 0.086 | | 0.001 | | Y | | 0.089 | | 0.001 | | N | | 0.07 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.13 | | 0.01 | | N | | 0.13 | | 0.01 | | Y | | 0.13 | | 0.01 | | N | | 0.14 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 1.4 | 5.4 | 13.7 | | N | | 5.5 | 7.3 | 12 | | Y | R | 0.41 | 7.6 | 14 | | N | | 2.1 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.7 | | 8.7 | < | N | | 12 | | 12 | < | Y | | 0.71 | 5.6 | 9.7 | | N | | -2.5 | 5.8 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0.65 | 4.9 | 11.8 | | N | | 6.2 | 6.8 | 11 | | Y | R | -1.6 | 7.7 | 14 | | N | | -5.1 | 8.5 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | N | | 56 | | 56 | < | Y | | 36 | 29 | 52 | | N | | -23 | 35 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 30 | | 30 | < | Y | | 5.8 | 11 | 19 | | N | | 1.6 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | N | | 4 | | 4 | < | Y | | -0.74 | 2.6 | 3.7 | | N | | -1.3 | 2.6 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | N | | 4.5 | | 4.5 | < | Y | | -1.9 | 2.3 | 3.8 | | N | | -0.46 | 2.6 | 3.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 130 | | 130 | < | N | | 45 | | 45 | < | Y | | 2 | 29 | 48 | | N | | -63 | 61 | 97 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | 3.9 | | 3.9 | < | Y | | -0.88 | 1.4 | 2.4 | | N | | -0.016 | 1.6 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 5.9 | | 5.9 | < | N | | 4.8 | | 4.8 | < | Y | | -2.5 | 2.8 | 4.5 | | N | | 0.15 | 3.6 | 6.2 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.4 | | 4.4 | < | N | | 5.4 | | 5.4 | < | Y | | 0.58 | 2.7 | 4.1 | | N | | 1.7 | 2.5 | 4.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | 20 | | 20 | < | N | | 10 | | 10 | < | Y | | 1.1 | 6.6 | 12 | | N | | -0.99 | 9.8 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 6.6 | 6.3 | 5.3 | | N | | 0.076 | 7.7 | 5.3 | | Y | | 5.1 | 6.4 | 5.4 | | N | | 0.55 | 7.4 | 7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | N | | 4.5 | | 4.5 | < | Y | | -0.74 | 2.4 | 4.1 | | N | | -3.1 | 3.1 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 14 | | 14 | < | N | | 5.3 | | 5.3 | < | Y | | 4.9 | 3.8 | 6.7 | | N | | 0.011 | 6 | 10 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 61 | | 61 | < | N | | 88 | | 88 | < | Y | | 70 | 51 | 75 | | N | | -12 | 59 | 67 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.52 | 0.72 | 2.09 | | N | | -0.84 | 0.54 | 1.4 | | Y | R | 0.13 | 0.36 | 0.68 | | N | | -0.08 | 0.34 | 0.71 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 122

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0 | 0.69 | 1.16 | | N | | -0.56 | 0.82 | 1.5 | | Y | R | 0.13 | 0.62 | 1.3 | | N | | -0.21 | 0.71 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | N | | 41 | | 41 | < | Y | | 11 | 22 | 39 | | N | | 25 | 21 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.8 | | 3.8 | < | N | | 4.8 | | 4.8 | < | Y | | 1 | 2.3 | 4.2 | | N | | -0.5 | 2.8 | 4.1 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 15 | | 15 | < | Y | | 3.7 | 13 | 13 | | N | | 6.3 | 11 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | Y | UJ | | | | | N | | | | | | N | | WT |
| Radionuclides | Uranium-235 | 4.4 | | 4.4 | < | N | | 6.7 | | 6.7 | < | Y | | 6.6 | 4.3 | 5.2 | | N | | 1.6 | 4.5 | 3.6 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 8.9 | | 8.9 | < | N | | 9.7 | | 9.7 | < | Y | | -5.1 | 5.8 | 7.9 | | N | | -3.2 | 5.5 | 9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 14 | | 14 | < | N | | 10 | | 10 | < | Y | | 2.5 | 6.5 | 11 | | N | | 4 | 8.6 | 15 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 4 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 122

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 33 | | 10 | | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 100 | | 5 | | Y | | 110 | | 5 | | N | | 72 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 250 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | N | | 200 | | 5 | | Y | | 160 | | 5 | | N | | 150 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 5.2 | | 2 | | N | | 20 | | 2 | | Y | | 18 | | 2 | | N | | 7.7 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 122 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 1 | | 10 | J | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 9.8 | | 1 | | N | | 21 | | 1 | | Y | J | 15.6 | | 1 | | Y | J | 10.2 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.81 | | 0.1 | | N | | 0.71 | | 0.1 | | Y | J | 0.48 | | 0.1 | | Y | | 0.53 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 27 | | 10 | | N | | 26 | | 10 | | Y | J | 24.4 | | 10 | | Y | J | 20.2 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 0.88 | | 0.1 | | Y | | 0.93 | | 0.1 | | Y | J | 0.92 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 7.7 | | 5 | | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.029 | | 0.0008 | | N | | 0.0298 | | 0.0008 | | Y | | 0.0296 | | 0.0008 | | Y | | 0.0253 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.014 | | 0.006 | | N | | 0.012 | | 0.006 | | Y | | 0.014 | | 0.006 | | Y | | 0.02 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35.5 | | 0.2 | | N | | 36.7 | | 0.2 | | Y | | 36.5 | | 0.2 | | Y | | 27.8 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 9.45 | | 0.04 | | N | | 9.69 | | 0.04 | | Y | | 10.2 | | 0.04 | | Y | | 6.73 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.003 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.5 | | 0.6 | | Y | | 1.5 | | 0.6 | | Y | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.55 | | 0.04 | | N | | 5.32 | | 0.04 | | Y | | 5.44 | | 0.04 | | Y | | 4.52 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.091 | | 0.001 | | N | | 0.094 | | 0.001 | | Y | | 0.094 | | 0.001 | | Y | | 0.074 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.12 | | 0.01 | | N | | 0.11 | | 0.01 | | Y | | 0.11 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0288 | | 0.0008 | | N | | 0.0284 | | 0.0008 | | Y | | 0.0302 | | 0.0008 | | Y | | 0.0258 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.015 | | 0.006 | | N | | 0.013 | | 0.006 | | Y | | 0.013 | | 0.006 | | Y | | 0.021 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 37.2 | | 0.2 | | N | | 36.3 | | 0.2 | | Y | | 37.2 | | 0.2 | | Y | | 28.3 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.45 | | 0.04 | | N | | 9.53 | | 0.04 | | Y | | 10.3 | | 0.04 | | Y | | 6.78 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.003 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.005 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | 1.6 | | 0.6 | | Y | | 1.6 | | 0.6 | | Y | | 2.3 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.68 | | 0.04 | | N | | 5.29 | | 0.04 | | Y | | 5.46 | | 0.04 | | Y | | 4.61 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.094 | | 0.001 | | N | | 0.091 | | 0.001 | | Y | | 0.095 | | 0.001 | | Y | | 0.076 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | Y | | 0.11 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 5.2 | 4.8 | 8.81 | | N | | 0 | 18 | 12 | | Y | R | -1.3 | 7.5 | 15 | | Y | R | 2.6 | 6 | 10 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 10 | | 10 | < | N | | 12 | | 12 | < | Y | UJ | -3.2 | 5.2 | 8.7 | | Y | | 2.8 | 4.6 | 8 | | N | | PCI/L |
| Radionuclides | Beta Activity | -2.5 | 4.7 | 11.8 | | N | | 0.97 | 6.2 | 11 | | Y | R | 0.68 | 6.7 | 12 | | Y | R | -1.7 | 8.8 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 48 | | 48 | < | N | | 58 | | 58 | < | Y | UJ | 28 | 26 | 46 | | Y | | 29 | 23 | 41 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 23 | | 23 | < | N | | 31 | | 31 | < | Y | UJ | -0.59 | 11 | 18 | | Y | | 7.4 | 13 | 22 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.5 | | 3.5 | < | N | | 4.1 | | 4.1 | < | Y | UJ | -3.8 | 2.1 | 3.3 | | Y | | -5 | 2.1 | 3 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | N | | 4.5 | | 4.5 | < | Y | UJ | 2 | 2.1 | 3.7 | | Y | | 0.17 | 1.8 | 3 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 42 | | 42 | < | N | | 47 | | 47 | < | Y | UJ | 7.6 | 18 | 30 | | Y | | -1.7 | 45 | 77 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.9 | | 2.9 | < | N | | 4 | | 4 | < | Y | UJ | 0.69 | 1.4 | 2.4 | | Y | | -0.65 | 1.7 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 4.1 | | 4.1 | < | N | | 4.5 | | 4.5 | < | Y | UJ | 0.34 | 2.2 | 3.9 | | Y | | 2.3 | 2.7 | 4.8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.4 | | 4.4 | < | N | | 4.9 | | 4.9 | < | Y | UJ | 2.3 | 3.1 | 4.5 | | Y | | 1.2 | 1.8 | 3.3 | | N | | PCI/L |
| Radionuclides | Iron-59 | 9 | | 9 | < | N | | 10 | | 10 | < | Y | UJ | 6.5 | 4.9 | 9.1 | | Y | | 3 | 7.3 | 13 | | N | | PCI/L |
| Radionuclides | Lead-212 | 2 | 6.2 | 5.3 | | N | | 1.5 | 7.2 | 5.3 | | Y | J | 2.8 | 5.1 | 4.8 | | Y | | -1.4 | 4.7 | 5.7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | N | | 4.5 | | 4.5 | < | Y | UJ | 0.52 | 2.2 | 3.8 | | Y | | -0.51 | 1.9 | 3.2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.9 | | 4.9 | < | N | | 5.5 | | 5.5 | < | Y | UJ | -0.46 | 2.4 | 4.2 | | Y | | 1.3 | 4.6 | 8.1 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 420 | 57 | 54 | | N | | 87 | | 87 | < | Y | UJ | 26 | 54 | 40 | | Y | | 3.2 | 53 | 32 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.44 | 0.14 | 1.66 | | N | | -0.63 | 0.65 | 1.3 | | Y | R | 0.13 | 0.33 | 0.67 | | Y | R | 0.2 | 0.43 | 0.75 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.38 | 0.05 | 1.18 | | N | | 0.11 | 1 | 1.8 | | Y | R | -0.78 | 0.76 | 1.4 | | Y | R | 0.16 | 0.31 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 33 | | 33 | < | N | | 41 | | 41 | < | Y | UJ | 2.5 | 19 | 32 | | Y | | 17 | 17 | 30 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.7 | | 3.7 | < | N | | 4.7 | | 4.7 | < | Y | UJ | 0.57 | 2.5 | 4.3 | | Y | | 0.17 | 1.9 | 3.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 14 | | 14 | < | Y | UJ | 13 | 6.2 | 11 | | Y | | 10 | 5.8 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | 0.003 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | Y | UJ | | | | | N | | 0.68 | 0.08 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.8 | | 4.8 | < | N | | 6.7 | | 6.7 | < | Y | UJ | 2.1 | 4.6 | 3.6 | | Y | | -0.013 | 4.3 | 4.3 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.7 | | 7.7 | < | N | | 9.8 | | 9.8 | < | Y | UJ | -4.7 | 5 | 8 | | Y | | -4.9 | 4.3 | 6.8 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 9.8 | | 9.8 | < | N | | 11 | | 11 | < | Y | UJ | -3.9 | 5.1 | 8.3 | | Y | | 5.9 | 6.6 | 12 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 1 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 12 | | 10 | | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 120 | | 5 | | Y | | 120 | | 5 | | Y | | 92 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | UJ | 2 | | 2 | < | Y | UJ | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 280 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 210 | | 5 | | N | | 220 | | 5 | | Y | | 140 | | 5 | | Y | | 160 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 2 | | 2 | | N | | 20 | | 2 | | Y | J | 19 | | 2 | | Y | J | 6.2 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 14.4 | | 1 | | Y | J | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 1.01 | | 0.1 | | Y | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 27.4 | | 10 | | Y | J | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.98 | | 0.1 | | Y | J | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | U | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.06 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.032 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.02 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 38.8 | | 0.2 | | Y | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 10.1 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1.5 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 5.99 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.101 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.1 | | 0.01 | | Y | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.06 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.032 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.018 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 38.8 | | 0.2 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 10.2 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.6 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 5.86 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.1 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.1 | | 0.01 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 0 | 17 | 15 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | 0.54 | 4.7 | 8 | | Y | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | -1.9 | 6.6 | 12 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 19 | 26 | 46 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | -9.7 | 11 | 17 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -0.16 | 2.2 | 3.1 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 2.8 | 2 | 3.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | 4.6 | 17 | 30 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | 0.35 | 1.4 | 2.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -1.4 | 2.2 | 3.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 4 | 2.4 | 4.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 1.1 | 4.8 | 8.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 3.2 | 5.2 | 4.9 | | Y | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -0.54 | 1.9 | 3.3 | | Y | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 2.7 | 2.6 | 4.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 20 | 59 | 33 | | Y | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | 0.57 | 0.47 | 0.73 | | Y | R | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | | | | | | | -0.47 | 1.4 | 1.4 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | 5.6 | 18 | 32 | | Y | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -0.15 | 2.1 | 3.7 | | Y | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 2.7 | 12 | 9.5 | | Y | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | 0.001 | 0.001 | | Y | J | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 1.1 | 0.22 | | | Y | J | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 3.6 | 3.8 | 4.7 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -2.3 | 4.3 | 7.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | -1.7 | 5 | 8.5 | | Y | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| * Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Bromodichloromethane | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| * Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Chloroform | | | | | | | | | | | | | 14 | | 10 | | Y | | | | | | | | UG/L |
| * Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Tetrachloroethene | | | | | | | | | | | | | 3 | | 10 | J | Y | | | | | | | | UG/L |
| * Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| * Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 110 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5.4 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | Y | UJ | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 170 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 15 | | 2 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |

* Trip Blank information for this sample is not available.

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 128 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 1 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 14 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 3 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 5 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 4 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 20 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 1 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 3 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 133

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 10.7 | | 1 | | Y | J | 6.19 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 0.46 | | 0.1 | | Y | | 0.24 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 23.2 | | 10 | | Y | J | 13.4 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.99 | | 0.1 | | Y | J | 0.61 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0284 | | 0.0008 | | Y | | 0.017 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.012 | | 0.006 | | Y | | 0.012 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 35.7 | | 0.2 | | Y | | 18 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 10.1 | | 0.04 | | Y | | 4.48 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | 0.004 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1.5 | | 0.6 | | Y | | 1.5 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 5.23 | | 0.04 | | Y | | 2.89 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.092 | | 0.001 | | Y | | 0.049 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.14 | | 0.01 | | Y | | 0.28 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.06 | | 0.04 | | Y | | 0.04 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0295 | | 0.0008 | | Y | | 0.017 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.011 | | 0.006 | | Y | | 0.013 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 36.8 | | 0.2 | | Y | | 18 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 133

| Analysis | Analyte | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 10.4 | | 0.04 | | Y | | 4.47 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | 0.004 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.5 | | 0.6 | | Y | | 1.5 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 5.34 | | 0.04 | | Y | | 2.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.094 | | 0.001 | | Y | | 0.049 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.14 | | 0.01 | | Y | | 0.28 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | -3.5 | 7 | 15 | | Y | R | -1.4 | 5.6 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | -0.36 | 5 | 8.5 | | Y | | 0.85 | 5.8 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | 1.7 | 6.8 | 12 | | Y | R | 1.6 | 9.3 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 23 | 27 | 47 | | Y | | 1.1 | 28 | 47 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | 1.7 | 11 | 19 | | Y | | 0.74 | 16 | 25 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -5 | 2.3 | 3.4 | | Y | | -2.2 | 2.2 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 0.95 | 2.2 | 3.7 | | Y | | 1.6 | 2.1 | 3.7 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -0.24 | 19 | 31 | | Y | | -5.6 | 58 | 98 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | -0.34 | 1.4 | 2.4 | | Y | | 0.32 | 2 | 3.3 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | 1.7 | 2.3 | 4.1 | | Y | | -0.096 | 3.5 | 5.9 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 0.56 | 2.2 | 3.9 | | Y | | 3.6 | 2.2 | 4.2 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 5 | 5.3 | 9.5 | | Y | | 2.2 | 8.5 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 4.5 | 3.1 | 5.4 | | Y | | -6.2 | 6.6 | 6.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -0.0077 | 2.1 | 3.7 | | Y | | 2.6 | 2.4 | 4.2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 1.7 | 2.6 | 4.6 | | Y | | -1.7 | 5.7 | 9.5 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 14 | 52 | 34 | | Y | | -70 | 65 | 76 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | 0.049 | 0.3 | 0.68 | | Y | R | 0.028 | 0.19 | 0.73 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 133

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | | | | | | | -0.58 | 0.8 | 1.4 | | Y | R | -0.33 | 0.76 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | 8.2 | 19 | 33 | | Y | | -6.8 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -0.64 | 2.3 | 3.8 | | Y | | -2 | 2.2 | 3.6 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 11 | 6.5 | 11 | | Y | | 11 | 6.7 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | | 0.001 | < | Y | UJ | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | Y | UJ | | | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | -1.9 | 5 | 4.8 | | Y | | -0.52 | 4.1 | 4.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -3.8 | 4.7 | 7.7 | | Y | | -3.4 | 5 | 8.4 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | 1.8 | 5.3 | 9 | | Y | | 4.9 | 8.2 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 133

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 4 | | 10 | U | Y | J | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 16 | | 10 | | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 110 | | 5 | | Y | | 46 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | Y | UJ | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 150 | | 5 | | Y | | 96 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 21 | | 2 | | Y | | 8.4 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 133 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 8 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 7.4 | | 1 | | N | | 18 | | 1 | | Y | J | 12 | | 1 | | Y | J | 13.1 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.72 | | 0.1 | | N | | 1 | | 0.1 | | Y | J | 0.92 | | 0.1 | | Y | | 1.07 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.48 | | 0.1 | | Y | J | 0.51 | | 0.1 | | Y | J | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 65 | | 10 | | N | | 100 | | 10 | | Y | J | 48.3 | | 10 | | Y | J | 86 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 1 | | 0.1 | | Y | | 1.1 | | 0.1 | | Y | J | 0.9 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.25 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.29 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.08 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0299 | | 0.0008 | | N | | 0.0334 | | 0.0008 | | Y | | 0.0311 | | 0.0008 | | Y | | 0.0272 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.014 | | 0.006 | | N | | 0.014 | | 0.006 | | Y | | 0.016 | | 0.006 | | Y | | 0.018 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35.7 | | 0.2 | | N | | 42.5 | | 0.2 | | Y | | 41 | | 0.2 | | Y | | 29.2 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.008 | | 0.006 | | Y | | 0.007 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.03 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 9.28 | | 0.04 | | N | | 11.5 | | 0.04 | | Y | | 11.4 | | 0.04 | | Y | | 6.87 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | | Y | | 0.002 | | 0.002 | | Y | | 0.004 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.8 | | 0.6 | | Y | | 1.7 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 11.1 | | 0.04 | | N | | 18 | | 0.04 | | Y | | 6.99 | | 0.04 | | Y | | 6.99 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.091 | | 0.001 | | N | | 0.109 | | 0.001 | | Y | | 0.105 | | 0.001 | | Y | | 0.076 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.13 | | 0.01 | | N | | 0.12 | | 0.01 | | Y | | 0.1 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.08 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0295 | | 0.0008 | | N | | 0.0316 | | 0.0008 | | Y | | 0.0315 | | 0.0008 | | Y | | 0.027 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.014 | | 0.006 | | N | | 0.014 | | 0.006 | | Y | | 0.014 | | 0.006 | | Y | | 0.019 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 36.5 | | 0.2 | | N | | 42.2 | | 0.2 | | Y | | 41.8 | | 0.2 | | Y | | 29.1 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.007 | | 0.006 | | Y | | 0.007 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | Y | | 0.02 | | 0.02 | < | Y | | 0.03 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 9.28 | | 0 04 | | N | | 11.3 | | 0.04 | | Y | | 11.6 | | 0.04 | | Y | | 6.86 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | | Y | | 0.002 | | 0.002 | < | Y | | 0.004 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | 1.8 | | 0.6 | | Y | | 1.7 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 14.7 | | 0.04 | | N | | 17.8 | | 0.04 | | Y | | 7.02 | | 0.04 | | Y | | 19.7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.091 | | 0.001 | | N | | 0.105 | | 0.001 | | Y | | 0.106 | | 0.001 | | Y | | 0.075 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.13 | | 0.01 | | N | | 0.12 | | 0.01 | | Y | | 0.1 | | 0.01 | | Y | | 0.12 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 19 | 8.1 | 8.89 | | N | | 7.4 | 9.6 | 16 | | Y | R | 5 | | 15 | | Y | R | 2.7 | 6.1 | 11 | | N | | UG/L |
| Radionuclides | Antimony-125 | 7.4 | | 7.4 | < | N | | 7.1 | | 7.1 | < | Y | UJ | -4.4 | 6.1 | 15 | | Y | | 2.7 | 6.1 | 11 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0 | 0 | 11.9 | | N | | -1.4 | 7.5 | 13 | | Y | R | -6 | 5.6 | 8.8 | | Y | | -0.84 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 38 | | 38 | < | N | | 40 | | 40 | < | Y | UJ | -1 | 6.6 | 12 | | Y | R | -6.1 | 8.6 | 16 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 18 | | 18 | < | Y | UJ | 3.8 | 27 | 46 | | Y | | 9.7 | 29 | 51 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | 2.8 | | 2.8 | < | Y | UJ | -8 | 15 | 24 | | Y | | 4.2 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | N | | 3 | | 3 | < | Y | UJ | -0.95 | 2.4 | 3.5 | | Y | | -6.4 | 2.4 | 3.6 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 32 | | 32 | < | N | | 28 | | 28 | < | Y | UJ | 0.86 | 2.2 | 3.8 | | Y | | 3.6 | 2.2 | 4 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | 2.3 | | 2.3 | < | Y | UJ | -2.9 | 21 | 35 | | Y | | -7 | 62 | 100 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | 3.2 | | 3.2 | < | Y | UJ | 0.65 | 1.9 | 3.2 | | Y | | -0.082 | 1.6 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.4 | | 3.4 | < | N | | 3.5 | | 3.5 | < | Y | UJ | -1.1 | 2.3 | 3.9 | | Y | | -0.39 | 3.5 | 6 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.7 | | 7.7 | < | N | | 6.7 | | 6.7 | < | Y | UJ | 2.7 | 2.3 | 4.2 | | Y | | 5.1 | 2.6 | 4.9 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.3 | | 5.3 | < | N | | 3.3 | 4.8 | 5.3 | | Y | J | -1.5 | 4.8 | 8.1 | | Y | | 9.2 | 10 | 18 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3 | | 3 | < | N | | 3 | | 3 | < | Y | UJ | 1.9 | 6.3 | 5.8 | | Y | | 0.57 | 6.3 | 7.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.1 | | 4.1 | < | N | | 3.7 | | 3.7 | < | Y | UJ | -1.1 | 2.2 | 3.7 | | Y | | 0.82 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 51 | | 51 | < | N | | 19 | 42 | 54 | | Y | J | 1.3 | 2.6 | 4.5 | | Y | | 5.9 | 6.2 | 11 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.62 | 0.21 | 1.61 | | N | | 0.14 | 1.5 | 1.3 | | Y | R | 55 | 63 | 34 | | Y | | 16 | 55 | 51 | | N | | PCI/L |
| | | | | | | | | | | | | | | 0.31 | 0.44 | 0.71 | | Y | R | 0.15 | 0.43 | 0.8 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.12 | 0.01 | 1.15 | | N | | 0.48 | 0.61 | 1.4 | | Y | R | -0.7 | 1.3 | 1.6 | | Y | R | -0.48 | 0.76 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | N | | 27 | | 27 | < | Y | UJ | 6 | 20 | 34 | | Y | | -2.4 | 21 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | N | | 3.1 | | 3.1 | < | Y | UJ | -2.3 | 2.3 | 3.8 | | Y | | .0.77 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 9.3 | | 9.3 | < | N | | 9.8 | | 9.8 | < | Y | UJ | 11 | 6.5 | 12 | | Y | | 22 | 14 | 11 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.009 | 0.001 | 0.001 | | N | | 0.006 | 0 | 0.001 | | Y | J | 0.005 | 0.001 | 0.001 | | Y | J | 0.006 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.7 | 0.12 | | | N | | 0.78 | 0.04 | | | Y | J | 1.3 | 0.069 | | | Y | J | 1.1 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | N | | 4.3 | | 4.3 | < | Y | UJ | 2.1 | 5.9 | 4.3 | | Y | | 3.2 | 5.3 | 4 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6.3 | | 6.3 | < | N | | 6.2 | | 6.2 | < | Y | UJ | -0.52 | 5 | 8.6 | | Y | | -1.3 | 6.1 | 10 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.5 | | 7.5 | < | N | | 7 | | 7 | < | Y | UJ | 0.59 | 5.2 | 8.9 | | Y | | 3.5 | 8.6 | 15 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 4 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 90 | | 5 | | N | | 82 | | 5 | | Y | | 100 | | 5 | | Y | | 42 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | UJ | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 320 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 210 | | 5 | | N | | 340 | | 5 | | Y | | 200 | | 5 | | Y | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 4 | | 2 | | N | | 10 | | 2 | | Y | | 16 | | 2 | | Y | | 6.9 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135 Duplicate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 8.1 | | 1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.7 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 25 | | 10 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.25 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.29 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0301 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.012 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 35.4 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.05 | | 0.02 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 9.27 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.5 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 10.2 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.092 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.13 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0297 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.014 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 36.7 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.05 | | 0.02 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 9.34 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135 Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 7.97 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.091 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.13 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Alpha Activity | 20 | 8.4 | 8.97 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 7.1 | | 7.1 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 4.8 | 5.6 | 11.9 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 39 | | 39 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 2.8 | | 2.8 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 32 | | 32 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 3.4 | | 3.4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 3.5 | | 3.5 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 7.2 | | 7.2 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 0.74 | 4.7 | 4.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3.1 | | 3.1 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 4.2 | | 4.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 51 | | 51 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | -0.3 | 0.09 | 1.57 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | -0.89 | 0.11 | 1.17 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 26 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 2.9 | | 2.9 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 9.8 | | 9.8 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.009 | 0 | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 0.75 | 0.02 | | | N | | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 6.5 | | 6.5 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 7.7 | | 7.7 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Alkalinity | 91 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 270 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 230 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 6.2 | | 2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 135 Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 18 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 5 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 10 | | 1 | | N | | 19 | | 1 | | N | | 41.5 | | 1 | | N | | 17.9 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 12 | | 0.1 | | N | | 7 | | 0.1 | | N | | 8.19 | | 0.1 | | N | | 6.72 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.21 | | 0.1 | | N | | 0.1 | | 0.1 | < | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.22 | | 0.1 | | N | | 0.15 | | 0.1 | | N | | 0.11 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Sulfate | 39 | | 10 | | N | | 55 | | 10 | | N | | 361 | | 10 | | N | | 157 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.85 | | 0.1 | | N | | 0.88 | | 0.1 | | N | | 1.8 | | 0.1 | | N | | 0.8 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 1.1 | | 0.2 | | N | | 1.6 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.8 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Mercury | 0.87 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.1 | | 0.2 | | N | | 1.7 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.41 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.0653 | | 0.0008 | | N | | 0.0472 | | 0.0008 | | N | | 0.0547 | | 0.0008 | | N | | 0.0566 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.043 | | 0.006 | | N | | 0.03 | | 0.006 | | N | | 0.458 | | 0.006 | | N | | 0.302 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 60.3 | | 0.2 | | N | | 51 | | 0.2 | | N | | 52.5 | | 0.2 | | N | | 89 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | 0.007 | | 0.006 | | N | | 0.011 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.07 | | 0.06 | | N | | 0.08 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.11 | | 0.06 | | Y | | MG/L |
| Metals ICP | Lithium | 0.06 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.1 | | 0.02 | | N | | 0.13 | | 0.02 | | Y | | MG/L |
| Metals ICP | Magnesium | 12.1 | | 0.04 | | N | | 11.9 | | 0.04 | | N | | 12.2 | | 0.04 | | N | | 9.88 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.04 | | 0.002 | | N | | 0.031 | | 0.002 | | N | | 0.037 | | 0.002 | | N | | 0.075 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 1.9 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 5.2 | | 0.6 | | N | | 2.5 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 8.99 | | 0.04 | | N | | 9.76 | | 0.04 | | N | | 152 | | 0.04 | | N | | 19.9 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.162 | | 0.001 | | N | | 0.132 | | 0.001 | | N | | 0.139 | | 0.001 | | N | | 0.157 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.08 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0595 | | 0.0008 | | N | | 0.0471 | | 0.0008 | | N | | 0.0539 | | 0.0008 | | N | | 0.0559 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.043 | | 0.006 | | N | | 0.025 | | 0.006 | | N | | 0.463 | | 0.006 | | N | | 0.3 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 55.4 | | 0.2 | | N | | 51.5 | | 0.2 | | N | | 51.6 | | 0.2 | | N | | 86.5 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.05 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.09 | | 0.02 | | N | | 0.13 | | 0.02 | | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | 11.3 | | 0.04 | | N | | 12 | | 0.04 | | N | | 11.9 | | 0.04 | | N | | 9.72 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.033 | | 0.002 | | N | | 0.025 | | 0.002 | | N | | 0.034 | | 0.002 | | N | | 0.071 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.009 | | 0.006 | | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 1.8 | | 0.6 | | N | | 2 | | 0.6 | | N | | 5.3 | | 0.6 | | N | | 2.7 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 8.83 | | 0.04 | | N | | 9.7 | | 0.04 | | N | | 157 | | 0.04 | | N | | 19.1 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.15 | | 0.001 | | N | | 0.132 | | 0.001 | | N | | 0.135 | | 0.001 | | N | | 0.153 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.1 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 6.8 | 6.5 | 13 | | N | | 5.8 | 9.2 | 16 | | N | | 2.5 | 8 | 14 | | N | | 31 | 10 | 9.9 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.8 | | 7.8 | < | N | | 0.8 | 4.5 | 7.6 | | N | | 1.5 | 5.9 | 10 | | N | | -2.9 | 4.9 | 8.1 | | N | | PCI/L |
| Radionuclides | Beta Activity | 5.4 | 5.7 | 12.7 | | N | | 5.8 | 7.3 | 12 | | N | | -6.4 | 7.4 | 14 | | N | | 22 | 11 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 40 | | 40 | < | N | | 27 | 22 | 39 | | N | | -6.2 | 29 | 49 | | N | | 13 | 22 | 39 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | N | | -4.2 | 12 | 19 | | N | | -4.7 | 16 | 26 | | N | | -9.4 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3 | | 3 | < | N | | -2.8 | 1.9 | 2.9 | | N | | -5.2 | 2.5 | 3.9 | | N | | -0.98 | 2 | 2.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.2 | | 3.2 | < | N | | 0.2 | 1.8 | 3 | | N | | 2 | 2.3 | 4 | | N | | 0.45 | 1.8 | 3 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 26 | | 26 | < | N | | -7.3 | 19 | 31 | | N | | -0.54 | 51 | 85 | | N | | 19 | 43 | 75 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2 | | 2 | < | N | | 0.51 | 1.5 | 2.6 | | N | | -0.82 | 2.1 | 3.4 | | N | | 1.6 | 1.6 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3 | | 3 | < | N | | 0.3 | 1.9 | 3.4 | | N | | 2.4 | 3.4 | 6 | | N | | -1.1 | 2.7 | 4.6 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.6 | | 3.6 | < | N | | 3.1 | 2.2 | 3.6 | | N | | 1.2 | 2.4 | 4.2 | | N | | 2.8 | 2 | 3.7 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.1 | | 7.1 | < | N | | 2.8 | 4.6 | 7.2 | | N | | -2.1 | 8.3 | 14 | | N | | -0.61 | 7.4 | 13 | | N | | PCI/L |
| Radionuclides | Lead-212 | 2.2 | 5.8 | 5.3 | | N | | 0.4 | 5.6 | 4.8 | | N | | 2.3 | 5.4 | 6.7 | | N | | 1.9 | 5.1 | 4.9 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.2 | | 3.2 | < | N | | -0.5 | 1.7 | 2.9 | | N | | -0.3 | 2.4 | 4 | | N | | -0.63 | 1.8 | 3.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.3 | | 3.3 | < | N | | 1.7 | 2.2 | 4 | | N | | 2.5 | 5.7 | 9.8 | | N | | 1.5 | 4.6 | 8.1 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 36 | 49 | 54 | | N | | 3.5 | 42 | 53 | | N | | 33 | 70 | 38 | | N | | 60 | 48 | 27 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.66 | 0.26 | 1 | | N | | -0.65 | 0.51 | 1.3 | | N | | -0.11 | 0.32 | 0.65 | | N | | -0.17 | 0.35 | 0.8 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -1.1 | 0.13 | 1 | | N | | -0.43 | 1.06 | 1.6 | | N | | 0.35 | 1.4 | 1.4 | | N | | 0.0097 | 0 019 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | N | | -5 | 16 | 26 | | N | | -3 | 21 | 36 | | N | | 2.7 | 17 | 29 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.8 | | 3.8 | < | N | | -0.6 | 1.8 | 3.1 | | N | | 0.97 | 2.5 | 4.4 | | N | | -0.88 | 1.7 | 3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 8.6 | 12 | 11 | | N | | 5.9 | 11 | 11 | | N | | -6.7 | 9.3 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.01 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | 0.013 | 0 | 0.001 | | N | | 0.1 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.39 | 0.06 | | | N | | 0.41 | 0 | | | N | | 0.39 | 0.04 | | | N | | 0.19 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.3 | | 4.3 | < | N | | 1.2 | 3.9 | 4.3 | | N | | 1.7 | 4.1 | 4.6 | | N | | -0.77 | 4 | 4.4 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6.4 | | 6.4 | < | N | | 1.8 | 4.7 | 7.1 | | N | | -1.2 | 5.3 | 9.1 | | N | | -1.3 | 4.3 | 7.2 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 6.9 | | 6.9 | < | N | | -4.7 | 4.5 | 7.3 | | N | | 1.8 | 7.8 | 13 | | N | | 1.3 | 6.4 | 11 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 1 | | 10 | J | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | | Y | UJ | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 4 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 6 | | 10 | J | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 100 | | 5 | | N | | 110 | | 5 | | N | | 95 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 5.9 | | 2 | | N | | 3.7 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | 38 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 330 | | 5 | | N | | 270 | | 5 | | N | | 630 | | 5 | | N | | 410 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 10 | | 2 | | N | | 19 | | 2 | | N | | 20 | | 2 | | N | | 8.5 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 25 | | 1 | | N | | 48 | | 1 | | Y | J | 55.3 | | 1 | | N | | 17.2 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 5 | | 0.1 | | N | | 6.1 | | 0.1 | | Y | J | 8.38 | | 0.1 | | N | | 6.99 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.54 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.18 | | 0.1 | | Y | J | 0.15 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 220 | | 10 | | N | | 250 | | 10 | | Y | J | 542 | | 10 | | N | | 234 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | 1.1 | | 0.1 | | N | | 1.3 | | 0.1 | | Y | | 2.3 | | 0.1 | | N | | 0.74 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 1 | | 0.2 | | N | | 1.4 | | 0.2 | | Y | | 1.1 | | 0.2 | | N | | 1.9 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.91 | | 0.2 | | N | | 1.1 | | 0.2 | | Y | | 1.1 | | 0.2 | | N | | 1.8 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.08 | | 0.04 | | N | | 0.09 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.28 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.057 | | 0.0008 | | N | | 0.0528 | | 0.0008 | | Y | | 0.0572 | | 0.0008 | | N | | 0.0567 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.03 | | 0.006 | | N | | 0.055 | | 0.006 | | Y | | 1.01 | | 0.006 | | N | | 0.061 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 99.7 | | 0.2 | | N | | 102.5 | | 0.2 | | Y | | 52.7 | | 0.2 | | N | | 119 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.07 | | 0.06 | | N | | 0.06 | | 0.06 | < | Y | J | 0.06 | | 0.06 | < | N | | 0.11 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.03 | | 0.02 | | N | | 0.05 | | 0.02 | | Y | | 0.19 | | 0.02 | | N | | 0.07 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 10.3 | | 0.04 | | N | | 11.1 | | 0.04 | | Y | | 12.2 | | 0.04 | | N | | 9.66 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.033 | | 0.002 | | N | | 0.006 | | 0.002 | | Y | | 0.039 | | 0.002 | | N | | 0.074 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.017 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 2.5 | | 0.6 | | N | | 3.6 | | 0.6 | | Y | | 7.7 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 35.9 | | 0.04 | | N | | 51.8 | | 0.04 | | Y | | 242 | | 0.04 | | N | | 22.1 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.171 | | 0.001 | | N | | 0.171 | | 0.001 | | Y | | 0.141 | | 0.001 | | N | | 0.17 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | 0.09 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | N | | 0.09 | | 0.04 | | Y | | 0.06 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0556 | | 0.0008 | | N | | 0.0499 | | 0.0008 | | Y | | 0.0564 | | 0.0008 | | N | | 0.0555 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.03 | | 0.006 | | N | | 0.056 | | 0.006 | | Y | | 1.07 | | 0.006 | | N | | 0.06 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 103 | | 0.2 | | N | | 101 | | 0.2 | | Y | | 53.3 | | 0.2 | | N | | 119 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0 02 | | 0 02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0 06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | | N | | 0.05 | | 0.02 | | Y | | 0.2 | | 0.02 | | N | | 0.07 | | 0.02 | | N | | MG/L |
| Metals ICP Diss | Magnesium | 10.4 | | 0.04 | | N | | 10.9 | | 0.04 | | Y | | 12.2 | | 0.04 | | N | | 9.46 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.028 | | 0.002 | | N | | 0.006 | | 0.002 | | Y | | 0.035 | | 0.002 | | N | | 0.07 | | 0.002 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.017 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 2.3 | | 0.6 | | N | | 3.7 | | 0.6 | | Y | | 7.5 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 34.8 | | 0.04 | | N | | 51.3 | | 0.04 | | Y | | 237 | | 0.04 | | N | | 21.7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.169 | | 0.001 | | N | | 0.166 | | 0.001 | | Y | | 0.14 | | 0.001 | | N | | 0.167 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | 0.08 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | 6.4 | 5.9 | 10.7 | | N | | 2.5 | 10 | 18 | | Y | R | -1.8 | 12 | 22 | | N | | 38 | 13 | 14 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 8.5 | | 8.5 | < | N | | 12 | | 12 | < | Y | UJ | 2.4 | 4.7 | 8.1 | | N | | 0.33 | 4.7 | 8.1 | | N | | PCi/L |
| Radionuclides | Beta Activity | 3 | 5.8 | 12.9 | | N | | 8.8 | 8.8 | 14 | | Y | R | 0.77 | 9.9 | 17 | | N | | 28 | 13 | 18 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 49 | | 49 | < | N | | 56 | | 56 | < | Y | UJ | 25 | 26 | 46 | | N | | 11 | 25 | 45 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | 31 | | 31 | < | Y | UJ | 2.7 | 11 | 18 | | N | | -4.4 | 11 | 18 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 3.4 | | 3.4 | < | N | | 4 | | 4 | < | Y | UJ | -0.12 | 2.1 | 3.1 | | N | | -1.6 | 2.1 | 3.4 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 4 | | 4 | < | N | | 4.6 | | 4.6 | < | Y | UJ | 1.2 | 2 | 3.6 | | N | | 0.21 | 3.8 | 3.4 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 37 | | 37 | < | N | | 48 | | 48 | < | Y | UJ | 1.1 | 18 | 31 | | N | | -44 | 49 | 83 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | 4 | | 4 | < | Y | UJ | 0.8 | 1.4 | 2.3 | | N | | 0.74 | 1.4 | 2.4 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 4.4 | | 4.4 | < | N | | 4.8 | | 4.8 | < | Y | UJ | 0.29 | 2.2 | 3.8 | | N | | -1.3 | 3.2 | 5.5 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 4.1 | | 4.1 | < | N | | 5.1 | | 5.1 | < | Y | UJ | 3.2 | 2.5 | 4.7 | | N | | 2.7 | 2.4 | 4.4 | | N | | PCi/L |
| Radionuclides | Iron-59 | 11 | | 11 | < | N | | 11 | | 11 | < | Y | UJ | 1.8 | 4.7 | 8.6 | | N | | -0.37 | 8.4 | 14 | | N | | PCi/L |
| Radionuclides | Lead-212 | 0.74 | 4.8 | 5.3 | | N | | 7.4 | 8.6 | 5.3 | | Y | J | 1.4 | 5.6 | 4.7 | | N | | 5.8 | 6 | 4.5 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 3.6 | | 3.6 | < | N | | 4.2 | | 4.2 | < | Y | UJ | -0.76 | 2 | 3.3 | | N | | -0.46 | 2.3 | 3.9 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 5.4 | | 5.4 | < | N | | 5.5 | | 5.5 | < | Y | UJ | 1.1 | 2.5 | 4.4 | | N | | 3.7 | 5.3 | 9.6 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 69 | | 69 | < | N | | 82 | | 82 | < | Y | UJ | 35 | 48 | 62 | | N | | -63 | 51 | 65 | | N | | PCi/L |
| Radionuclides | Radium-226 | 0.81 | 0.17 | 1.62 | | N | | -0.21 | 0.42 | 0.94 | | Y | R | 0.02 | 0.11 | 0.66 | | N | | 0.029 | 0.19 | 0.76 | | N | | PCi/L |
| Radionuclides | Radium-228 | 0.39 | 0.04 | 1.22 | | N | | -0.62 | 1.9 | 2 | | Y | R | -0.61 | 1.6 | 1.5 | | N | | -0.5 | 0.76 | 1.3 | | N | | PCi/L |
| Radionuclides | Ruthenium-106 | 33 | | 33 | < | N | | 40 | | 40 | < | Y | UJ | -5 | 18 | 30 | | N | | 5.1 | 20 | 34 | | N | | PCi/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | N | | 4.8 | | 4.8 | < | Y | UJ | -0.7 | 2.1 | 3.7 | | N | | -0.66 | 2.2 | 3.7 | | N | | PCi/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 14 | | 14 | < | Y | UJ | -5.4 | 11 | 11 | | N | | -6.7 | 13 | 12 | | N | | PCi/L |
| Radionuclides | Uranium, Total | 0.009 | 0.001 | 0.001 | | N | | 0.007 | 0 | 0.001 | | Y | J | 0.013 | 0 | 0.001 | | N | | 0.094 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.39 | 0.01 | | | N | | 0.79 | 0.01 | | | Y | J | 0.4 | 0.02 | | | N | | 0.24 | 0.07 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | N | | 6.5 | | 6.5 | < | Y | UJ | 0.31 | 4.7 | 3.4 | | N | | 0.058 | 4.3 | 3.2 | | N | | PCi/L |
| Radionuclides | Zinc-65 | 9.1 | | 9.1 | < | N | | 9.9 | | 9.9 | < | Y | UJ | -7.1 | 4.8 | 7.7 | | N | | -6.2 | 5.4 | 8.5 | | N | | PCi/L |
| Radionuclides | Zirconium-95 | 10 | | 10 | < | N | | 11 | | 11 | < | Y | UJ | -0.6 | 5.1 | 8.8 | | N | | -1.8 | 7.3 | 13 | | N | | PCi/L |
| Wet Chem | Alkalinity | 87 | | 5 | | N | | 96 | | 5 | | Y | | 110 | | 5 | | N | | 90 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 700 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 590 | | 5 | | N | | 680 | | 5 | | Y | | 860 | | 5 | | N | | 530 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 5.7 | | 2 | | N | | 15 | | 2 | | Y | | 4.4 | | 2 | | N | | 13 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 49 | | 1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 5.7 | | 0.1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.17 | | 0.1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 240 | | 10 | | Y | J | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 1.2 | | 0.1 | | Y | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 1 | | 0.2 | | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 1 | | 0.2 | | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.12 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0513 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.054 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 101.9 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.04 | | 0.02 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 11 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.008 | | 0.002 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 3.6 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 51.6 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.17 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.07 | | 0.01 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.12 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0484 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.054 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 101 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.04 | | 0.02 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | 10.7 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.008 | | 0.002 | | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 3.6 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 51.1 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.165 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.07 | | 0.01 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | 5.1 | 11 | 18 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 8.7 | | 8.7 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 11 | 9 | 14 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 45 | | 45 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 19 | | 19 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 3.4 | | 3.4 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 3.7 | | 3.7 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 31 | | 31 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 2.4 | | 2.4 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | 4.2 | | 4.2 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 4.8 | | 4.8 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 9 | | 9 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 5.6 | | 5.6 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 3.7 | | 3.7 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 4.7 | | 4.7 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 72 | | 72 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | -0.09 | 0.33 | 0.83 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | -0.36 | 2.8 | 1.6 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | 32 | | 32 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | 4.3 | | 4.3 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 11 | | 11 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.007 | 0 | 0.001 | | Y | J | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 0.71 | 0.03 | | | Y | J | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | 4.9 | | 4.9 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | 8.7 | | 8.7 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 8.9 | | 8.9 | < | Y | UJ | | | | | | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | | | | | | | 95 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | 670 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 17 | | 2 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| Analysis | Analyte | Event 1, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 10 | | 1 | | Y | | 10.7 | | 1 | | N | | 21.6 | | 1 | | N | | 14.2 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 3.6 | | 0.1 | | Y | | 2.62 | | 0.1 | | N | | 4.16 | | 0.1 | | N | | 6.57 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.23 | | 0.1 | | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 1.1 | | 0.1 | | Y | | 0.2 | | 0.1 | | N | | 0.15 | | 0.1 | | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 36 | | 10 | | Y | | 24 | | 10 | | N | | 179 | | 10 | | N | | 44.8 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.81 | | 0.1 | | Y | | 0.86 | | 0.1 | | N | | 0.97 | | 0.1 | | N | | 0.62 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.73 | | 0.2 | | Y | | 0.79 | | 0.2 | | N | | 0.64 | | 0.2 | | N | | 1 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.21 | | 0.2 | | Y | | 0.38 | | 0.2 | | N | | 0.35 | | 0.2 | | N | | 0.57 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | UG/L |
| Metals ICP | Aluminum | 0.08 | | 0.04 | | Y | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.0418 | | 0.0008 | | Y | | 0.043 | | 0.0008 | | N | | 0.056 | | 0.0008 | | N | | 0.0584 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.032 | | 0.006 | | Y | | 0.023 | | 0.006 | | N | | 0.046 | | 0.006 | | N | | 0.265 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 42.5 | | 0.2 | | Y | | 44.6 | | 0.2 | | N | | 84.1 | | 0.2 | | N | | 52.9 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.08 | | 0.06 | | Y | | MG/L |
| Metals ICP | Lithium | 0.05 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | 0.03 | | 0.02 | | N | | 0.07 | | 0.02 | | Y | | MG/L |
| Metals ICP | Magnesium | 10.4 | | 0.04 | | Y | | 10.7 | | 0.04 | | N | | 12 | | 0.04 | | N | | 12 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.016 | | 0.002 | | Y | | 0.012 | | 0.002 | | N | | 0.016 | | 0.002 | | N | | 0.045 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | Y | | 1.6 | | 0.6 | | N | | 2.3 | | 0.6 | | N | | 2.3 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 7.96 | | 0.04 | | Y | | 7.78 | | 0.04 | | N | | 29.7 | | 0.04 | | N | | 10.4 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.109 | | 0.001 | | Y | | 0.111 | | 0.001 | | N | | 0.153 | | 0.001 | | N | | 0.124 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | 0.07 | | 0.01 | | Y | | 0.07 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | Y | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0394 | | 0.0008 | | Y | | 0.0445 | | 0.0008 | | N | | 0.0555 | | 0.0008 | | N | | 0.0566 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.032 | | 0.006 | | Y | | 0.023 | | 0.006 | | N | | 0.045 | | 0.006 | | N | | 0.262 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 42.8 | | 0.2 | | Y | | 45.8 | | 0.2 | | N | | 82 | | 0.2 | | N | | 51.8 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.008 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.05 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | 0.03 | | 0.02 | | N | | 0.07 | | 0.02 | | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 10.2 | | 0.04 | | Y | | 11.1 | | 0.04 | | N | | 11.7 | | 0.04 | | N | | 11.8 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.011 | | 0.002 | | Y | | 0.01 | | 0.002 | | N | | 0.012 | | 0.002 | | N | | 0.041 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 1.5 | | 0.6 | | Y | | 1.7 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | 2.6 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 7.72 | | 0.04 | | Y | | 8.14 | | 0.04 | | N | | 29.1 | | 0.04 | | N | | 10.2 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.105 | | 0.001 | | Y | | 0.114 | | 0.001 | | N | | 0.151 | | 0.001 | | N | | 0.121 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | Y | | 0.06 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | 2 | | 2 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | Y | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | UG/L |
| Radionuclides | Alpha Activity | 2.9 | 5.9 | 15.5 | | Y | R | 2.9 | 7.8 | 14 | | N | | 5.2 | 8.3 | 14 | | N | | 15 | 6.8 | 8.2 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 9.6 | | 9.6 | < | Y | | 1.6 | 5.3 | 9 | | N | | -5.2 | 5.9 | 9.5 | | N | | -2.2 | 5.9 | 9.5 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0.33 | 5.1 | 12.3 | | Y | R | 0.5 | 8 | 14 | | N | | 5.4 | 8.3 | 14 | | N | | 14 | 9.6 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 48 | | 48 | < | Y | | -0.89 | 31 | 45 | | N | | 15 | 30 | 54 | | N | | 24 | 32 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 22 | | 22 | < | Y | | -6 | 13 | 22 | | N | | 3.9 | 12 | 21 | | N | | -6.3 | 15 | 25 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.5 | | 3.5 | < | Y | | 0.21 | 2.3 | 3.5 | | N | | -2.4 | 2.7 | 3.6 | | N | | -3.3 | 2.6 | 3.6 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.7 | | 3.7 | < | Y | | -0.53 | 2.4 | 3.6 | | N | | 2.4 | 2.3 | 3.9 | | N | | -0.14 | 2.6 | 3.8 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 42 | | 42 | < | Y | | 15 | 26 | 44 | | N | | 16 | 49 | 85 | | N | | 0.55 | 53 | 90 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 3 | | 3 | < | Y | | 0.23 | 1.8 | 3 | | N | | 0.19 | 1.6 | 2.7 | | N | | -0.3 | 2.1 | 3.4 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 4 | | 4 | < | Y | | 0.92 | 2.5 | 4.4 | | N | | 1.8 | 3.4 | 6.1 | | N | | 1.5 | 3.3 | 5.7 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.2 | | 4.2 | < | Y | | 2.6 | 2.2 | 4.1 | | N | | 3.2 | 2.5 | 4.8 | | N | | 0.87 | 2.3 | 4 | | N | | PCI/L |
| Radionuclides | Iron-59 | 9.2 | | 9.2 | < | Y | | 3.4 | 5.5 | 9.9 | | N | | 11 | 9.6 | 17 | | N | | 8 | 8.4 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3.6 | 5.7 | 5.3 | | Y | | 5.5 | 7.5 | 4.9 | | N | | 2.7 | 6 | 6.9 | | N | | -8.9 | 6.3 | 6.3 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | Y | | -0.21 | 2.1 | 3.6 | | N | | -0.54 | 2.5 | 4.3 | | N | | 3.3 | 2.7 | 4.2 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.9 | | 4.9 | < | Y | | 0.82 | 3.2 | 5.5 | | N | | 4.7 | 5.4 | 9.8 | | N | | 0.7 | 5.2 | 8.9 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 420 | 55 | 54 | | Y | | -120 | 51 | 75 | | N | | 2.9 | 56 | 37 | | N | | -160 | 53 | 72 | | N | | PCI/L |
| Radionuclides | Radium-226 | 1 | 0.28 | 2.71 | | Y | R | -0.05 | 0.6 | 0.62 | | N | | -0.16 | 0.37 | 0.78 | | N | | -0.071 | 0.25 | 0.66 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -1.5 | 0.18 | 1.28 | | Y | R | -0.9 | 2.2 | 1.3 | | N | | -0.56 | 4.5 | 1.5 | | N | | 0.1 | 0.19 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 33 | | 33 | < | Y | | 0.12 | 19 | 33 | | N | | 9.6 | 23 | 39 | | N | | 5.6 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.7 | | 3.7 | < | Y | | -0.18 | 2.6 | 3.9 | | N | | -0.26 | 2.4 | 4.2 | | N | | 0.75 | 2.6 | 3.9 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | Y | | 2.2 | 12 | 12 | | N | | 14 | 14 | 15 | | N | | 9.6 | 6.6 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | 0.001 | 0.001 | | Y | J | 0.008 | 0.001 | 0.001 | | N | | 0.009 | 0 | 0.001 | | N | | 0.064 | 0.001 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.62 | 0.36 | | | Y | J | 0.6 | 0.05 | . | | N | | 0.48 | 0.02 | | | N | | 0.24 | 0.03 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | Y | | 2.3 | 4.5 | 4.5 | | N | | -0.66 | 4 | 5.2 | | N | | 1.6 | 4.3 | 4.1 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.5 | | 7.5 | < | Y | | -0.28 | 4.7 | 8.2 | | N | | -2.3 | 6.6 | 9.4 | | N | | 3.4 | 4.9 | 8.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 9.5 | | 9.5 | < | Y | | -0.9 | 5.9 | 10 | | N | | 4.2 | 8.4 | 15 | | N | | 1.4 | 7.9 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | | Y | U | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 2 | | 10 | J | Y | | 1 | | 10 | J | N | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 1 | | 10 | J | Y | | 10 | | 10 | U | N | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | Y | | 110 | | 5 | | N | | 110 | | 5 | | N | | 120 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 7.4 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 3.3 | | 0.2 | | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | 320 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 240 | | 5 | | Y | | 230 | | 5 | | N | | 410 | | 5 | | N | | 250 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 8.1 | | 2 | | Y | | 18 | | 2 | | N | | 16 | | 2 | | N | | 20 | | 2 | | Y | J | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| Analysis | Analyte | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | Y | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 6 | | 1 | | Y | | 22 | | 1 | | N | | 24.9 | | 1 | | N | | 15.5 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1.6 | | 0.1 | | Y | | 2.42 | | 0.1 | | N | | 3.57 | | 0.1 | | N | | 7.78 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.2 | | 0.1 | | Y | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.24 | | 0.1 | | N | | 0.19 | | 0.1 | | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 82 | | 10 | | Y | | 109 | | 10 | | N | | 286 | | 10 | | N | | 103 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.97 | | 0.1 | | Y | | 1.1 | | 0.1 | | N | | 1.2 | | 0.1 | | N | | 0.6 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.78 | | 0.2 | | Y | | 0.87 | | 0.2 | | N | | 0.75 | | 0.2 | | N | | 0.8 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.29 | | 0.2 | | N | | 0.3 | | 0.2 | | N | | 0.6 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | Y | | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | Y | | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.058 | | 0.0008 | | Y | | 0.0549 | | 0.0008 | | N | | 0.0632 | | 0.0008 | | N | | 0.0649 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.026 | | 0.006 | | Y | | 0.022 | | 0.006 | | N | | 0.14 | | 0.006 | | N | | 0.052 | | 0.006 | | Y | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 81.2 | | 0.2 | | Y | | 77.8 | | 0.2 | | N | | 96.7 | | 0.2 | | N | | 69.4 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | 0.12 | | 0.02 | | N | | 0.05 | | 0.02 | | Y | | MG/L |
| Metals ICP | Magnesium | 11.1 | | 0.04 | | Y | | 11.8 | | 0.04 | | N | | 11.9 | | 0.04 | | N | | 12.1 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.018 | | 0.002 | | Y | | 0.011 | | 0.002 | | N | | 0.014 | | 0.002 | | N | | 0.044 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 2.2 | | 0.6 | | Y | | 2 | | 0.6 | | N | | 4 | | 0.6 | | N | | 2.3 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 21.5 | | 0.04 | | Y | | 27.6 | | 0.04 | | N | | 62.7 | | 0.04 | | N | | 15 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.153 | | 0.001 | | Y | | 0.152 | | 0.001 | | N | | 0.168 | | 0.001 | | N | | 0.137 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP | Zinc | 0.05 | | 0.01 | | Y | | 0.05 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | Y | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0543 | | 0.0008 | | Y | | 0.0559 | | 0.0008 | | N | | 0.0623 | | 0.0008 | | N | | 0.063 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.029 | | 0.006 | | Y | | 0.023 | | 0.006 | | N | | 0.141 | | 0.006 | | N | | 0.052 | | 0.006 | | Y | J | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 81.1 | | 0.2 | | Y | | 81 | | 0.2 | | N | | 96.2 | | 0.2 | | N | | 68.3 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0 06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | 0.12 | | 0.02 | | N | | 0.05 | | 0.02 | | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 10.8 | | 0.04 | | Y | | 12.1 | | 0.04 | | N | | 11.8 | | 0.04 | | N | | 11.8 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.012 | | 0.002 | | Y | | 0.009 | | 0.002 | | N | | 0.01 | | 0.002 | | N | | 0.041 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 2.1 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | 4 | | 0.6 | | N | | 2.6 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 20.8 | | 0.04 | | Y | | 27.7 | | 0.04 | | N | | 61.7 | | 0.04 | | N | | 14.5 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.146 | | 0.001 | | Y | | 0.154 | | 0.001 | | N | | 0.165 | | 0.001 | | N | | 0.135 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.04 | | 0.01 | | Y | | 0.04 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | 2 | | 2 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | Y | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | UG/L |
| Radionuclides | Alpha Activity | 13 | 8.6 | 21.3 | | Y | R | 8.6 | 9.9 | 16 | | N | | 9.9 | 10 | 16 | | N | | 24 | 8.9 | 9.3 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.6 | | 7.6 | < | Y | | -0.36 | 4.6 | 7.7 | | N | | -0.98 | 4.8 | 8.1 | | N | | 0.94 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | 9.1 | 6.3 | 13.9 | | Y | R | 3.2 | 8.7 | 15 | | N | | 2.3 | 8.6 | 15 | | N | | 16 | 10 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 40 | | 40 | < | Y | | 11 | 21 | 37 | | N | | 30 | 23 | 41 | | N | | 30 | 31 | 54 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | Y | | 5.1 | 12 | 20 | | N | | -2.6 | 13 | 22 | | N | | 3.3 | 12 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | Y | | -4.8 | 2 | 2.9 | | N | | -5.1 | 2.1 | 3.1 | | N | | 0.71 | 2.8 | 4.1 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.1 | | 3.1 | < | Y | | 0.48 | 1.8 | 3 | | N | | 0.27 | 1.9 | 3.2 | | N | | -0.11 | 2.4 | 4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 33 | | 33 | < | Y | | -0.034 | 22 | 38 | | N | | 6.8 | 42 | 71 | | N | | 12 | 55 | 91 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 1.9 | | 1.9 | < | Y | | 0.85 | 1.6 | 2.6 | | N | | -0.41 | 1.7 | 2.8 | | N | | 0.48 | 1.6 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.4 | | 3.4 | < | Y | | -0.35 | 2.1 | 3.6 | | N | | 0.8 | 2.7 | 4.7 | | N | | 0.66 | 3.5 | 6.1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.6 | | 3.6 | < | Y | | 2.1 | 1.9 | 3.4 | | N | | 1.6 | 2 | 3.5 | | N | | 1.4 | 2.7 | 4.8 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.8 | | 7.8 | < | Y | | -1.1 | 4.6 | 7.8 | | N | | 4.3 | 7.1 | 13 | | N | | 3.1 | 10 | 18 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3.6 | 5.8 | 5.3 | | Y | | 2.7 | 5.2 | 5 | | N | | 3.2 | 5 | 5.8 | | N | | 3.8 | 5.7 | 5.7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.3 | | 3.3 | < | Y | | -0.062 | 1.8 | 3.2 | | N | | 0.21 | 2 | 3.5 | | N | | -0.22 | 2.6 | 4.6 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | Y | | 1.9 | 2.7 | 4.8 | | N | | 1.6 | 4.3 | 7.5 | | N | | 3.3 | 5.8 | 10 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 60 | | 60 | < | Y | | 24 | 49 | 54 | | N | | 1.2 | 51 | 27 | | N | | 16 | 64 | 40 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.68 | 0.31 | 2 | | Y | R | 0.11 | 0.39 | 0.73 | | N | | 0.015 | 0.2 | 0.75 | | N | | 0.15 | 0.38 | 0.73 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.43 | 0.05 | 1.2 | | Y | R | -0.37 | 0.85 | 1.5 | | N | | -1.8 | 2.3 | 1.5 | | N | | -1.2 | 1.4 | 1.7 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | Y | | 1.6 | 17 | 28 | | N | | -9 | 18 | 30 | | N | | -9.6 | 23 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.6 | | 3.6 | < | Y | | 0.019 | 1.8 | 3.2 | | N | | -0.23 | 1.9 | 3.3 | | N | | -0.26 | 2.6 | 4.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | Y | | 0.043 | 9 | 9.8 | | N | | 4.4 | 9.2 | 11 | | N | | 5.2 | 14 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | 0.008 | 0.001 | | Y | J | 0.007 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | 0.054 | 0.001 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.58 | 0.67 | | | Y | J | 0.53 | 0.03 | | | N | | 0.63 | 0.03 | | | N | | 0.26 | 0.05 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.3 | | 4.3 | < | Y | | -3.5 | 4.5 | 4.3 | | N | | 1.1 | 4.9 | 3.8 | | N | | -0.23 | 4.2 | 5.1 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7 | | 7 | < | Y | | -2.1 | 4.7 | 6.5 | | N | | -4.8 | 4.4 | 7.1 | | N | | -3.9 | 6 | 9.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.3 | | 8.3 | < | Y | | -0.14 | 4.6 | 8 | | N | | -2.3 | 6.3 | 11 | | N | | 2.1 | 8.8 | 15 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 2 | | 10 | JB | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | JB | Y | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 4 | | 10 | J | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 2 | | 10 | J | Y | | 2 | | 10 | J | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 2 | | 10 | J | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 99 | | 5 | | Y | | 100 | | 5 | | N | | 110 | | 5 | | N | | 90 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 2.5 | | 0.2 | | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | 560 | | 0.5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 450 | | 5 | | Y | | 440 | | 5 | | N | | 540 | | 5 | | N | | 330 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 3.5 | | 2 | | Y | | 17 | | 2 | | N | | 17 | | 2 | | N | | 13 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer AM Trip Blank

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Oil Skimmer PM Trip Blank

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 2 | | 10 | J | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| Analysis | Analyte | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 21 | | 1 | | N | | 7.08 | | 1 | | N | | 14.8 | | 1 | | N | | 18.1 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 13 | | 0.1 | | N | | 3.28 | | 0.1 | | N | | 18.9 | | 0.1 | | N | | 5.05 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.12 | | 0.1 | | N | | 0.13 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 71 | | 10 | | N | | 24.8 | | 10 | | N | | 50.4 | | 10 | | N | | 139 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.9 | | 0.1 | | N | | 0.88 | | 0.1 | | N | | 0.91 | | 0.1 | | N | | 0.71 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.79 | | 0.2 | | N | | 1.1 | | 0.2 | | N | | 0.89 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.31 | | 0.2 | | N | | 0.56 | | 0.2 | | N | | 0.43 | | 0.2 | | N | | 0.9 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0405 | | 0.0008 | | N | | 0.0426 | | 0.0008 | | N | | 0.0386 | | 0.0008 | | N | | 0.0523 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.031 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | 0.039 | | 0.006 | | N | | 0.085 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 43.1 | | 0.2 | | N | | 43.9 | | 0.2 | | N | | 46.7 | | 0.2 | | N | | 77.7 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.07 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.04 | | 0.02 | | N | | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.07 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 10 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | 10.6 | | 0.04 | | N | | 9.97 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.023 | | 0.002 | | N | | 0.023 | | 0.002 | | N | | 0.022 | | 0.002 | | N | | 0.062 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 2.6 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 7.72 | | 0.04 | | N | | 7.69 | | 0.04 | | N | | 13.1 | | 0.04 | | N | | 17.9 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.111 | | 0.001 | | N | | 0.112 | | 0.001 | | N | | 0.113 | | 0.001 | | N | | 0.144 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.08 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.16 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0422 | | 0.0008 | | N | | 0.0438 | | 0.0008 | | N | | 0.0393 | | 0.0008 | | N | | 0.0521 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.03 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | 0.041 | | 0.006 | | N | | 0.083 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 44.1 | | 0.2 | | N | | 45.9 | | 0.2 | | N | | 47.4 | | 0.2 | | N | | 76.1 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.09 | | 0.06 | | N | | MG/L |
| Metals ICP Diss | Lithium | 0.04 | | 0.02 | | N | | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.06 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.98 | | 0.04 | | N | | 10.6 | | 0.04 | | N | | 10.7 | | 0.04 | | N | | 9.74 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.019 | | 0.002 | | N | | 0.018 | | 0.002 | | N | | 0.018 | | 0.002 | | N | | 0.063 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.6 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 7.74 | | 0.04 | | N | | 7.98 | | 0.04 | | N | | 13.4 | | 0.04 | | N | | 17.5 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.116 | | 0.001 | | N | | 0.117 | | 0.001 | | N | | 0.115 | | 0.001 | | N | | 0.142 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 11 | 7.4 | 12.8 | | N | | 13 | 9.5 | 14 | | N | | 8.8 | 8.4 | 13 | | N | | 4.2 | 3 | 3 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | -1.3 | 7 | 12 | | N | | -6.1 | 5.9 | 9.6 | | N | | 0.91 | 5.8 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | 5.6 | 5.7 | 12.6 | | N | | 4.2 | 8.3 | 14 | | N | | 18 | 8 | 11 | | N | | -0.4 | 6.9 | 12 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 38 | | 38 | < | N | | -1.3 | 3.2 | 54 | | N | | -11 | 31 | 51 | | N | | -0.44 | 28 | 47 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | N | | 4.4 | 18 | 29 | | N | | 14 | 13 | 22 | | N | | -6.9 | 18 | 25 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | N | | 1 | 2.6 | 3.9 | | N | | -0.64 | 2.8 | 3.9 | | N | | 0.18 | 2.5 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | N | | 3.4 | 2.6 | 4.6 | | N | | 1.1 | 2.5 | 4.2 | | N | | 1.7 | 2.2 | 3.8 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 24 | | 24 | < | N | | 0.3 | 16 | 27 | | N | | 68 | 130 | 210 | | N | | -11 | 50 | 84 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 1.9 | | 1.9 | < | N | | 0.48 | 2.2 | 3.7 | | N | | 0.23 | 1.7 | 2.9 | | N | | -1.2 | 2.4 | 3.3 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | -2.3 | 2.3 | 3.7 | | N | | -2.4 | 4.9 | 8.3 | | N | | -2.4 | 3.2 | 5.3 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.8 | | 3.8 | < | N | | 1.2 | 3.7 | 5.2 | | N | | 1 | 2.6 | 4.6 | | N | | 1.6 | 2.2 | 4 | | N | | PCI/L |
| Radionuclides | Iron-59 | 6.8 | | 6.8 | < | N | | -3.4 | 4.3 | 7 | | N | | 18 | 17 | 31 | | N | | -3.2 | 7.7 | 13 | | N | | PCI/L |
| Radionuclides | Lead-212 | 3.9 | 5.2 | 5.3 | | N | | 0.22 | 7.5 | 7.5 | | N | | 3.6 | 4.1 | 6.2 | | N | | 1.4 | 5.5 | 6.5 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3 | | 3 | < | N | | -0.06 | 2.4 | 4.1 | | N | | -0.58 | 2.6 | 4.4 | | N | | 0.57 | 2.3 | 4 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 3.5 | | 3.5 | < | N | | 0.84 | 2 | 3.5 | | N | | 10 | 11 | 21 | | N | | 4.2 | 5.3 | 9.3 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 15 | 55 | 54 | | N | | 42 | 86 | 46 | | N | | 34 | 54 | 43 | | N | | 130 | 44 | 79 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.13 | 0.036 | 1 | | N | | -0.03 | 0.4 | 0.7 | | N | | 0 23 | 0.32 | 0 51 | | N | | -0.22 | 0.34 | 0 8 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| Analysis | Analyte | Event 1, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1, AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | -1.2 | 0.15 | 1 | | N | | -0.21 | 1.2 | 1.4 | | N | | 0.17 | 0.96 | 1.7 | | N | | 0.56 | 0.77 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | N | | 1.8 | 23 | 39 | | N | | -6.1 | 24 | 40 | | N | | -9.6 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.3 | | 3.3 | < | N | | 2.6 | 2.7 | 4.9 | | N | | -1.7 | 2.5 | 4 | | N | | -1.3 | 2.3 | 3.8 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 3.9 | 9.1 | 10.1 | | N | | -2.1 | 11 | 14 | | N | | 4.9 | 12 | 13 | | N | | 2.2 | 12 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.008 | 0.002 | 0.001 | | N | | 0.008 | 0.001 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | 0.071 | 0.001 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.47 | 0.08 | | | N | | 1 | 0.02 | | | N | | 0.57 | 0.05 | | | N | | 0.25 | 0.03 | | | N | | WT |
| Radionuclides | Uranium-235 | 2.7 | 4.4 | 4.4 | | N | | 1.3 | 7 | 6.6 | | N | | 6.8 | 3.9 | 5 | | N | | 3.4 | 4.3 | 5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.3 | | 7.3 | < | N | | -4.8 | 5.7 | 9.3 | | N | | -8.8 | 6.4 | 10 | | N | | 8.9 | 5.3 | 9.9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.1 | | 7.1 | < | N | | 2.2 | 5.1 | 8.8 | | N | | -2.3 | 12 | 20 | | N | | 2.2 | 7.4 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 3 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 110 | | 5 | | N | | 110 | | 5 | | N | | 70 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 320 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 250 | | 5 | | N | | 230 | | 5 | | N | | 220 | | 5 | | N | | 360 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 4.3 | | 2 | | N | | 20 | | 2 | | N | | 15 | | 2 | | N | | 9.4 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | 11 | | 1 | | N | | 25.5 | | 1 | | N | | 23 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 3.6 | | 0.1 | | N | | 3.1 | | 0.1 | | N | | 3.7 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.21 | | 0.1 | | N | | 0.22 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | 210 | | 10 | | N | | 134 | | 10 | | N | | 150 | | 10 | | N | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.96 | | 0.1 | | N | | 1.6 | | 0.1 | | N | | 1.1 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.89 | | 0.2 | | N | | 0.97 | | 0.2 | | N | | 0.8 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.32 | | 0.2 | | N | | 0.45 | | 0.2 | | N | | 0.5 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.09 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0569 | | 0.0008 | | N | | 0.0515 | | 0.0008 | | N | | 0.0429 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | 0.026 | | 0.006 | | N | | 0.022 | | 0.006 | | N | | 0.105 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | 95.3 | | 0.2 | | N | | 84.7 | | 0.2 | | N | | 58.7 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.14 | | 0.02 | | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | 10.3 | | 0.04 | | N | | 10.3 | | 0.04 | | N | | 10.8 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.027 | | 0.002 | | N | | 0.021 | | 0.002 | | N | | 0.021 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | 2.3 | | 0.6 | | N | | 2 | | 0.6 | | N | | 4 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | 25.6 | | 0.04 | | N | | 31.5 | | 0.04 | | N | | 43.9 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.161 | | 0.001 | | N | | 0.153 | | 0.001 | | N | | 0.122 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0581 | | 0.0008 | | N | | 0.0536 | | 0.0008 | | N | | 0.0429 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.026 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | 0.107 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 95.6 | | 0.2 | | N | | 89.8 | | 0.2 | | N | | 60.6 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.14 | | 0.02 | | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 10.2 | | 0.04 | | N | | 10.9 | | 0.04 | | N | | 11 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.025 | | 0.002 | | N | | 0.019 | | 0.002 | | N | | 0.017 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 2.3 | | 0.6 | | N | | 2.2 | | 0.6 | | N | | 3.6 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 25.8 | | 0.04 | | N | | 32.5 | | 0.04 | | N | | 45.8 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.164 | | 0.001 | | N | | 0.159 | | 0.001 | | N | | 0.126 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 9.6 | 8.1 | 15.3 | | N | | 9.8 | 10 | 16 | | N | | 9 | 11 | 17 | | N | | | | | | | | PCi/L |
| Radionuclides | Antimony-125 | 7.4 | | 7.4 | < | N | | -0.88 | 5.1 | 8.7 | | N | | -1.5 | 5.7 | 9.7 | | N | | | | | | | | PCi/L |
| Radionuclides | Beta Activity | 4.1 | 5.9 | 13.7 | | N | | 6.3 | 9 | 15 | | N | | 10 | 8.4 | 13 | | N | | | | | | | | PCi/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | N | | 15 | 28 | 48 | | N | | 1.1 | 28 | 48 | | N | | | | | | | | PCi/L |
| Radionuclides | Cerium-144 | 17 | | 17 | < | N | | 0.71 | 11 | 18 | | N | | -13 | 11 | 18 | | N | | | | | | | | PCi/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | -1.6 | 2.2 | 3.6 | | N | | -1.5 | 2.6 | 3.7 | | N | | | | | | | | PCi/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | N | | 1.4 | 2.2 | 3.8 | | N | | 0.031 | 2.1 | 3.7 | | N | | | | | | | | PCi/L |
| Radionuclides | Chromium-51 | 24 | | 24 | < | N | | -9.1 | 23 | 38 | | N | | 21 | 26 | 44 | | N | | | | | | | | PCi/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | 0.73 | 1.4 | 2.4 | | N | | -0.14 | 1.5 | 2.5 | | N | | | | | | | | PCi/L |
| Radionuclides | Cobalt-58 | 2.7 | | 2.7 | < | N | | -0.9 | 2.4 | 4.2 | | N | | -0.23 | 2.6 | 4.5 | | N | | | | | | | | PCi/L |
| Radionuclides | Cobalt-60 | 3.2 | | 3.2 | < | N | | 0.22 | 2.5 | 4.2 | | N | | 2 | 2.4 | 4.4 | | N | | | | | | | | PCi/L |
| Radionuclides | Iron-59 | 6 | | 6 | < | N | | 1.1 | 6 | 10 | | N | | 2.5 | 5.8 | 10 | | N | | | | | | | | PCi/L |
| Radionuclides | Lead-212 | 2.6 | 4.8 | 5.3 | | N | | 1 | 6 | 4.9 | | N | | -0.29 | 5.9 | 6.6 | | N | | | | | | | | PCi/L |
| Radionuclides | Manganese-54 | 2.9 | | 2.9 | < | N | | -0.88 | 2.2 | 3.8 | | N | | -2.5 | 2.3 | 3.7 | | N | | | | | | | | PCi/L |
| Radionuclides | Niobium-95 | 3.2 | | 3.2 | < | N | | 2.2 | 2.9 | 5.3 | | N | | 0.54 | 3.1 | 5.3 | | N | | | | | | | | PCi/L |
| Radionuclides | Potassium-40 | 55 | | 55 | < | N | | 23 | 57 | 54 | | N | | 56 | 50 | 38 | | N | | | | | | | | PCi/L |
| Radionuclides | Radium-226 | 0.19 | 0.35 | 1 | | N | | 0.46 | 0.46 | 0.73 | | N | | -0.31 | 0.48 | 1 | | N | | | | | | | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| Analysis | Analyte | Event 1, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | -0.56 | 1.1 | 1 | | N | | -0.54 | 2.9 | 1.6 | | N | | -2.9 | 1.6 | 1.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 25 | | 25 | < | N | | -7.9 | 20 | 33 | | N | | -6.2 | 21 | 35 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 2.9 | | 2.9 | < | N | | -0.1 | 2.3 | 4 | | N | | 0.068 | 2.3 | 4 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 9.8 | | 9.8 | < | N | | 8.3 | 9.7 | 11 | | N | | 1.9 | 11 | 12 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | 0 | 0.001 | | N | | 0.007 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 0.87 | 0.35 | | | N | | 0.57 | 0.02 | | | N | | 0.73 | 0.15 | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | 4.1 | | 4.1 | < | N | | 16 | 2.7 | 4.9 | | N | | -0.98 | 5.2 | 4.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 6.2 | | 6.2 | < | N | | -0.76 | 5.2 | 8.9 | | N | | 2.5 | 5.1 | 9 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 6.4 | | 6.4 | < | N | | -0.35 | 5.8 | 9.7 | | N | | 0.97 | 5.7 | 9.8 | | N | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 3 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 1 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 96 | | 5 | | N | | 97 | | 5 | | N | | 110 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2.7 | | 2 | | N | | 3.7 | | 2 | | N | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 620 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 510 | | 5 | | N | | 470 | | 5 | | N | | 340 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 3.9 | | 2 | | N | | 14 | | 2 | | N | | 14 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1 Duplicate

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 15 | | 1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 4.1 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 210 | | 10 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.96 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.84 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 5 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.34 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 5 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.08 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0567 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.028 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 95.5 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 10.3 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.026 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 2.3 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 26.3 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.162 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0547 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.027 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 93.8 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 10 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.019 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1 Duplicate

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 2.4 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 25.6 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.16 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.07 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | 13 | 8.7 | 15.1 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 8.7 | | 8.7 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 2.8 | 5.8 | 13.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 43 | | 43 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 17 | | 17 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 3.3 | | 3.3 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 27 | | 27 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 3.7 | | 3.7 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 4.3 | | 4.3 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 8.2 | | 8.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 1.6 | 4.5 | 5.3 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 3.9 | | 3.9 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 22 | 55 | 54 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0.14 | 0.34 | 1 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | 0.46 | 2.1 | 1 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 32 | | 32 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | 0 | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 0.78 | 0.16 | | | N | | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 8.5 | | 8.5 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 7.4 | | 7.4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Alkalinity | 92 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 640 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 460 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 3.6 | | 2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1 AM Trip Blank

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 1 PM Trip Blank

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | 12 | | 1 | | N | | 43.8 | | 1 | | N | | 19.3 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 3.6 | | 0.1 | | N | | 4.25 | | 0.1 | | N | | 5.25 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 4.2 | | 0.1 | | N | | 0.27 | | 0.1 | | N | | 0.23 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | 36 | | 10 | | N | | 54.6 | | 10 | | N | | 114 | | 10 | | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.93 | | 0.1 | | N | | 1.1 | | 0.1 | | N | | 1.1 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.83 | | 0.2 | | N | | 0.9 | | 0.2 | | N | | 1 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.38 | | 0.2 | | N | | 0.6 | | 0.2 | | N | | 0.4 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.09 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0391 | | 0.0008 | | N | | 0.0421 | | 0.0008 | | N | | 0.0452 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | 0.027 | | 0.006 | | N | | 0.024 | | 0.006 | | N | | 0.129 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | 41.6 | | 0.2 | | N | | 48.9 | | 0.2 | | N | | 48.6 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.05 | | 0.02 | | N | | 0.04 | | 0.02 | | N | | 0.04 | | 0.02 | | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | 9.55 | | 0.04 | | N | | 11.6 | | 0.04 | | N | | 11.5 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.018 | | 0.002 | | N | | 0.021 | | 0.002 | | N | | 0.023 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.7 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 2.6 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | 7.64 | | 0.04 | | N | | 10.2 | | 0.04 | | N | | 47.8 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.11 | | 0.001 | | N | | 0.124 | | 0.001 | | N | | 0.124 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0 05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.06 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0395 | | 0.0008 | | N | | 0.0426 | | 0.0008 | | N | | 0.0447 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.025 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | 0.129 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 42 | | 0.2 | | N | | 49.4 | | 0.2 | | N | | 49.3 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.05 | | 0.02 | | N | | 0.04 | | 0.02 | | N | | 0.04 | | 0.02 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 9.74 | | 0.04 | | N | | 11.7 | | 0.04 | | N | | 11.6 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.018 | | 0.002 | | N | | 0.018 | | 0.002 | | N | | 0.019 | | 0.002 | | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| | | Event 1, Part 1, AM | | | | | | Event 2, Part 1, AM | | | | | | Event 3, Part 1, AM | | | | | | Event 4, Part 1, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.6 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 2.6 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 7.65 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | 48.7 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.11 | | 0.001 | | N | | 0.123 | | 0.001 | | N | | 0.126 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.06 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | 4.6 | 6.3 | 13.8 | | N | | 5.6 | 10 | 17 | | N | | 3.5 | 9.4 | 16 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 12 | | 12 | < | N | | -0.68 | 7.3 | 12 | | N | | 0.21 | 4.7 | 8.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 1.5 | 5 | 11.9 | | N | | 4.1 | 8.5 | 14 | | N | | 2.8 | 7.8 | 13 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 57 | | 57 | < | N | | 35 | 34 | 59 | | N | | 20 | 24 | 44 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 31 | | 31 | < | N | | 13 | 21 | 31 | | N | | 6.2 | 11 | 19 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 4 | | 4 | < | N | | -5.1 | 2.5 | 4.1 | | N | | -1.8 | 2.1 | 3.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 4.6 | | 4.6 | < | N | | 1.6 | 2.6 | 4.6 | | N | | 3.9 | 2.6 | 3.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 56 | | 56 | < | N | | 1.5 | 33 | 55 | | N | | 0.92 | 20 | 35 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 4.1 | | 4.1 | < | N | | 0.65 | 2.7 | 4.1 | | N | | 0.19 | 1.4 | 2.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 5.1 | | 5.1 | < | N | | 1.2 | 3.1 | 5.2 | | N | | -1.2 | 2.3 | 3.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 5.6 | | 5.6 | < | N | | 4.7 | 3 | 5.3 | | N | | 1.6 | 2.2 | 4.1 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 12 | | 12 | < | N | | 2.4 | 6.8 | 12 | | N | | -2.7 | 5 | 8.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 3.9 | 7.4 | 5.3 | | N | | 0.64 | 8.2 | 7.6 | | N | | 0.034 | 4.9 | 5.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 4.4 | | 4.4 | < | N | | 1.1 | 2.8 | 4.7 | | N | | -2 | 2.1 | 3.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 6.6 | | 6.6 | < | N | | 0.89 | 3.5 | 6 | | N | | 0.53 | 2.7 | 4.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 4.8 | | 4.8 | < | N | | 23 | 79 | 39 | | N | | 13 | 53 | 35 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | -0.05 | 0.24 | 0.79 | | N | | 0.15 | 0.33 | 0.62 | | N | | 0.19 | 0.29 | 0.48 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | -0.19 | 3.5 | 1.23 | | N | | 1.7 | 1 | 1.1 | | N | | 0.38 | 1.8 | 1.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 41 | | 41 | < | N | | 5.4 | 24 | 42 | | N | | -0.13 | 18 | 31 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4.8 | | 4.8 | < | N | | 2.6 | 2.9 | 5.2 | | N | | -2.7 | 2.3 | 3.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 14 | | 14 | < | N | | 5.2 | 15 | 14 | | N | | 1.7 | 11 | 11 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.008 | 0 | 0.001 | | N | | 0.007 | 0 | 0.001 | | N | | 0.01 | 0 | 0.001 | | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 0.7 | 0.2 | | | N | | 0.53 | 0.01 | | | N | | 0.66 | 0.1 | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | 6.7 | | 6.7 | < | N | | 0.38 | 6.6 | 6.6 | | N | | -6.4 | 4.4 | 4.6 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 10 | | 10 | < | N | | -2.7 | 6.1 | 10 | | N | | -2 | 4.9 | 8.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 12 | | 12 | < | N | | 1.4 | 6.9 | 12 | | N | | -3.9 | 5.3 | 8.9 | | N | | | | | | | | PCI/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 100 | | 5 | | N | | 110 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | 300 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 240 | | 5 | | N | | 270 | | 5 | | N | | 330 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 5.3 | | 2 | | N | | 19 | | 2 | | N | | 18 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| Analysis | Analyte | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 35 | | 1 | | Y | J | 30.5 | | 1 | | Y | J | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 4 | | 0.1 | | Y | J | 5.17 | | 0.1 | | Y | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | Y | UJ | 0.24 | | 0.1 | | Y | J | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.22 | | 0.1 | | Y | J | 0.22 | | 0.1 | | Y | J | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 180 | | 10 | | Y | J | 314 | | 10 | | Y | J | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 1.2 | | 0.1 | | Y | | 1.8 | | 0.1 | | Y | J | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.9 | | 0.2 | | Y | | 1 | | 0.2 | | Y | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 0.44 | | 0.2 | | Y | | 0.94 | | 0.2 | | Y | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | Y | U | 2 | | 2 | < | Y | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.08 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | J | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0499 | | 0.0008 | | Y | | 0.0492 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.04 | | 0.006 | | Y | | 0.536 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 79.5 | | 0.2 | | Y | | 48.5 | | 0.2 | | Y | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.03 | | 0.02 | | Y | | 0.1 | | 0.02 | | Y | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 11 | | 0.04 | | Y | | 11.5 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.016 | | 0.002 | | Y | | 0.023 | | 0.002 | | Y | J | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | 0.009 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 2.9 | | 0.6 | | Y | | 4.85 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 35.8 | | 0.04 | | Y | | 139 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.149 | | 0.001 | | Y | | 0.125 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.07 | | 0.01 | | Y | | 0.08 | | 0.01 | | Y | J | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.08 | | 0.04 | | Y | | 0.06 | | 0.04 | | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0469 | | 0.0008 | | Y | | 0.0505 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.04 | | 0.006 | | Y | | 0.549 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 79 | | 0.2 | | Y | | 49.9 | | 0.2 | | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.03 | | 0.02 | | Y | | 0.1 | | 0.02 | | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | | | | | | | 10.9 | | 0.04 | | Y | | 11.8 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.016 | | 0.002 | | Y | | 0.019 | | 0.002 | | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | 0.011 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 2.9 | | 0.6 | | Y | | 4.8 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 35.6 | | 0.04 | | Y | | 140 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.144 | | 0.001 | | Y | | 0.128 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.07 | | 0.01 | | Y | | 0.07 | | 0.01 | | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| | | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 10 | 11 | 17 | | Y | R | 11 | 12 | 19 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 8.7 | | 8.7 | < | Y | UJ | 3.2 | 4.7 | 8.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 11 | 8.7 | 14 | | Y | R | 6.1 | 8 | 13 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 43 | | 43 | < | Y | UJ | 26 | 24 | 43 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 19 | | 19 | < | Y | UJ | 6.7 | 11 | 19 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 3.5 | | 3.5 | < | Y | UJ | -0.79 | 1.9 | 3.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 3.7 | | 3.7 | < | Y | UJ | 3.2 | 3 | 3.3 | | Y | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 3.2 | | 3.2 | < | Y | UJ | -12 | 16 | 27 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 2.3 | | 2.3 | < | Y | UJ | -0.71 | 1.3 | 2.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | 3.9 | | 3.9 | < | Y | UJ | -0.94 | 2.2 | 3.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 4.8 | | 4.8 | < | Y | UJ | 3.5 | 2.2 | 4.3 | | Y | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 9.4 | | 9.4 | < | Y | UJ | -0.17 | 4.5 | 7.9 | | Y | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 5.6 | | 5.6 | < | Y | UJ | 1.6 | 5.5 | 4.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 3.9 | | 3.9 | < | Y | UJ | 0.037 | 2 | 3.5 | | Y | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 4.6 | | 4.6 | < | Y | UJ | 0.68 | 2.4 | 4.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 29 | 65 | 54 | | Y | J | 42 | 61 | 35 | | Y | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | 0.004 | 0.53 | 1 | | Y | R | 0.11 | 0.45 | 0.76 | | Y | R | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| Analysis | Analyte | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | | | | | | | -1.5 | 1.5 | 2.2 | | Y | R | -0.32 | 1.4 | 1.5 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | 34 | | 34 | < | Y | UJ | -1.5 | 17 | 29 | | Y | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | 4.2 | | 4.2 | < | Y | UJ | 1.9 | 2.2 | 4.1 | | Y | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 11 | | 11 | < | Y | UJ | -9 | 11 | 11 | | Y | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.007 | 0 | 0.001 | | Y | J | 0.01 | 0 | 0.001 | | Y | J | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 0.67 | 0.02 | | | Y | J | 0.56 | 0 | | | Y | J | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | 4.8 | | 4.8 | < | Y | UJ | 3.8 | 4.1 | 4.9 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | 8.7 | | 8.7 | < | Y | UJ | -2.8 | 4.6 | 7.9 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 9 | | 9 | < | Y | UJ | -1.8 | 4.7 | 8.1 | | Y | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2

| Analysis | Analyte | Event 1, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 11 | | 10 | J | Y | UJ | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 96 | | 5 | | Y | | 110 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | UJ | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 530 | | 5 | | Y | | 640 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 18 | | 2 | | Y | | 20 | | 2 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Station 8, Day 2 PM Trip Blank

| | | Event 1, Part 1, PM | | | | | | Event 2, Part 1, PM | | | | | | Event 3, Part 1, PM | | | | | | Event 4, Part 1, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 4 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | N | | 10 | | 10 | < | N | | 10 | | 10 | < | N | | 10 | | 10 | < | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.01 | | 0.1 | < | N | | 0.036 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 0.15 | | 0.04 | | N | | 0.11 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinsate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 0.17 | | 0.04 | | N | | 0.12 | | 0.04 | | Y | | 0.1 | | 0.04 | | N | | 0.09 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | UG/L |
| | | | | | | | | | | | | | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 9.7 | 8.5 | 13 | | N | | 11 | 8.6 | 12 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | -1.4 | 5.5 | 9.2 | | N | | 1 | 5.6 | 9.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | -0.8 | 7.7 | 13 | | N | | -1.6 | 7.4 | 13 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 13 | 27 | 47 | | N | | -3 | 28 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | 3.1 | 13 | 22 | | N | | 1.6 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -4.5 | 2.2 | 3.5 | | N | | -0.37 | 2.4 | 3.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 0.51 | 2.1 | 3.7 | | N | | 2.4 | 2.2 | 4 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -19 | 26 | 44 | | N | | -9.2 | 42 | 73 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | -1.2 | 1.8 | 2.9 | | N | | 1.3 | 1.5 | 2.7 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -0.53 | 2.6 | 4.3 | | N | | 1.9 | 3.1 | 5.5 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 2.1 | 2.2 | 4 | | N | | 6.2 | 5.3 | 4.9 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 3.5 | 5.5 | 9.9 | | N | | 7.2 | 8.4 | 16 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | -1.5 | 5.6 | 5.9 | | N | | 0.23 | 5.5 | 6.7 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | 0.79 | 2.2 | 3.8 | | N | | 0 5 | 2.5 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 4.3 | 3.3 | 6 | | N | | 3.9 | 5.1 | 9.2 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | -49 | 57 | 54 | | N | | 18 | 60 | 36 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | -0.15 | 0.35 | 0.68 | | N | | 0.06 | 0 33 | 0.67 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | | | | | | | 0.12 | 0.27 | 1.5 | | N | | -0.45 | 1.2 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | -1.4 | 20 | 34 | | N | | -2.4 | 21 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | 0.27 | 2.1 | 3.7 | | N | | 0.65 | 2.5 | 4.5 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 9.6 | 11 | 12 | | N | | 8.2 | 7.2 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | N | | | | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.044 | 4.2 | 4.5 | | N | | 1.3 | 5 | 3.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -6.6 | 4.6 | 7.4 | | N | | -4.5 | 5.7 | 9.5 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | 0.38 | 5.9 | 10 | | N | | -2.7 | 7.6 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 1 | | 10 | JB | N | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | N | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | 0.85 | | 0.5 | | N | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 5 | | 5 | | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinsate

| Analysis | Analyte | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | N | | 10 | | 10 | < | Y | | 10 | | 10 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.01 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0008 | | 0.0008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 0.6 | | 0.6 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 0.06 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.001 | | 0.001 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| Analysis | Analyte | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 0.08 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | 0.09 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | Y | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 5.9 | 5.1 | 7.7 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | -1.7 | 4.5 | 7.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 4.3 | 8.5 | 14 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 10 | 22 | 39 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 0.21 | 13 | 22 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 0.65 | 2.1 | 3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 0.19 | 1.8 | 3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 8.7 | 50 | 86 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | 0.45 | 1.7 | 2.9 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | -0.24 | 2.7 | 4.7 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 1.4 | 2 | 3.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | -0.46 | 7.9 | 13 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 3.1 | 5.1 | 4.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 0.29 | 2 | 3.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 3.9 | 4.8 | 8.6 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 0.77 | 45 | 35 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | 0.2 | 0.39 | 0.75 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | -1.5 | 2.2 | 1.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -3.8 | 18 | 30 | | N | | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| Analysis | Analyte | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Sodium-22 | | | | | | | 1.3 | 1.8 | 3.3 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 0.024 | 11 | 11 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.001 | | 0.001 | < | N | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | N | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | -0.98 | 4.2 | 4.4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | -1.1 | 4.2 | 7.1 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 3 | 6.6 | 12 | | N | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | | Y | U | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate

| | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | Event 4, Part 1 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Equipment Rinseate Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | 1 | | 10 | J | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 10 | | 10 | < | N | | 10 | | 10 | < | N | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.024 | | 0.1 | | N | | 0.012 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 0.13 | | 0.04 | | N | | 0.13 | | 0.04 | | N | | 0.16 | | 0.04 | | N | | 0.08 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| Analysis | Analyte | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 1, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 1 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 0.19 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 6.6 | 8.4 | 14 | | N | | 7.4 | 7.9 | 12 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | -0.2 | 5 | 8.5 | | N | | 1.1 | 4.5 | 7.7 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | 0.95 | 6.3 | 11 | | N | | -3.4 | 7.3 | 13 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 5.8 | 28 | 47 | | N | | 6.2 | 22 | 38 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | -5.6 | 11 | 18 | | N | | -6.8 | 12 | 19 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | 0.19 | 2.3 | 3.4 | | N | | 2.5 | 1.6 | 2.9 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 0.41 | 2.1 | 3.5 | | N | | 0.79 | 1.7 | 3 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -0.39 | 24 | 39 | | N | | -18 | 24 | 39 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | 0.26 | 1.4 | 2.4 | | N | | 0.83 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -1.4 | 2.4 | 4.1 | | N | | 1.5 | 2.1 | 3.8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 1.7 | 26 | 4.6 | | N | | 0.36 | 2.1 | 3.1 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 2.5 | 6.1 | 11 | | N | | 3.7 | 4.8 | 8.6 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | -1.9 | 5.3 | 5.5 | | N | | 3.1 | 4.9 | 4.8 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -0.069 | 2.2 | 38 | | N | | -0.42 | 1.7 | 2.8 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | -2.6 | 3.1 | 5.2 | | N | | 2.2 | 2.6 | 4.7 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 33 | 57 | 35 | | N | | 4.5 | 39 | 54 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | -0.16 | 0.22 | 0.57 | | N | | -0.12 | 0.35 | 0.67 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| | | Event 1, Part 1 | | | | | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | | | | | | | -0.17 | 0.54 | 1.1 | | N | | -1 | 2.6 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | -12 | 20 | 33 | | N | | 8.5 | 16 | 28 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -1 | 2.5 | 4.2 | | N | | -0.29 | 1.8 | 3.2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 7.1 | 8.5 | 12 | | N | | 3.7 | 11 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | N | | | | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | -1.4 | 4.7 | 4.8 | | N | | 1.3 | 4.1 | 3.6 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -5.7 | 5.6 | 8.9 | | N | | 0.53 | 4.4 | 6.5 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | 6 | 6 | 11 | | N | | 0.4 | 4.8 | 8.3 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 3 | | 10 | JB | N | | 1 | | 10 | JB | N | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| | | Event 1, Part 1 | | | | | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | N | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 6.7 | | 2 | | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| | | Event 4, Part 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.038 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0008 | | 0.0008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 0.6 | | 0.6 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 0.06 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.001 | | 0.001 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| | | Event 4, Part 1 | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 0.07 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Alpha Activity | 1.8 | 5.6 | 9.9 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | -4 | 5.8 | 9.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 1.1 | 8.7 | 15 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 41 | 30 | 54 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 5.1 | 12 | 21 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | -0.51 | 2.5 | 3.7 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 2 | 2.4 | 4.2 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | -18 | 63 | 100 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | -0.79 | 1.6 | 2.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 3 | 3.7 | 6.7 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 0.049 | 2.7 | 4.5 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 13 | 10 | 19 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 4.5 | 4.8 | 6.1 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | -0.069 | 2.5 | 4.4 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | -2.5 | 6.4 | 11 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 33 | 49 | 34 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0.28 | 0.44 | 0.8 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-228 | 0.61 | 1.3 | 1.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | -0.91 | 23 | 38 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 0.26 | 2.4 | 4.1 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 9 | 7.1 | 13 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0.001 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | -1.6 | 4.8 | 5 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | -3.1 | 6.1 | 10 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 2 | 9.3 | 16 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank

| | | Event 4, Part 1 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 1 Field Blank Trip Blank

| | | Event 1, Part 1 | | | | | | Event 2, Part 1 | | | | | | Event 3, Part 1 | | | | | | Event 4, Part 1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 7.7 | | 1 | | N | | 10.8 | | 1 | | N | | 11.8 | | 1 | | N | | 10.8 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.97 | | 0.1 | | N | | 0.71 | | 0.1 | | N | | 0.69 | | 0.1 | | N | | 0.61 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.16 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | 0.14 | | 0.1 | | N | | MG/L |
| Anions by IC | Sulfate | 24.3 | | 10 | | N | | 44.7 | | 10 | | N | | 38.5 | | 10 | | N | | 38.6 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.74 | | 0.1 | | N | | 1.2 | | 0.1 | | N | | 0.98 | | 0.1 | | N | | 0.84 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.3 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0301 | | 0.0008 | | N | | 0.0346 | | 0.0008 | | N | | 0.0306 | | 0.0008 | | N | | 0.0329 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.015 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 35.3 | | 0.2 | | N | | 47.5 | | 0.2 | | N | | 37.7 | | 0.2 | | N | | 37.8 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.07 | | 0.06 | | N | | 0.08 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | 8.92 | | 0.04 | | N | | 12.7 | | 0.04 | | N | | 10.3 | | 0.04 | | N | | 10.9 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.033 | | 0.002 | | N | | 0.05 | | 0.002 | | N | | 0.044 | | 0.002 | | N | | 0.077 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 1.5 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 1.7 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 5.62 | | 0.04 | | N | | 9.75 | | 0.04 | | N | | 6.46 | | 0.04 | | N | | 8.11 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.093 | | 0.001 | | N | | 0.119 | | 0.001 | | N | | 0.097 | | 0.001 | | N | | 0.114 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | 0.11 | | 0.01 | | N | | 0.13 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.08 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0307 | | 0.0008 | | N | | 0.0349 | | 0.0008 | | N | | 0.0299 | | 0.0008 | | N | | 0.0322 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.015 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 36.2 | | 0.2 | | N | | 47.9 | | 0.2 | | N | | 37.5 | | 0.2 | | N | | 37.9 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.11 | | 0.04 | | N | | 12.8 | | 0.04 | | N | | 10.1 | | 0.04 | | N | | 10.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.031 | | 0.002 | | N | | 0.046 | | 0.002 | | N | | 0.038 | | 0.002 | | N | | 0.072 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.7 | | 0.6 | | N | | 2 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 5.77 | | 0.04 | | N | | 9.89 | | 0.04 | | N | | 6.45 | | 0.04 | | N | | 8.13 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.095 | | 0.001 | | N | | 0.121 | | 0.001 | | N | | 0.096 | | 0.001 | | N | | 0.114 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.1 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 4.7 | 8.1 | 14 | | N | | 8.9 | 9.9 | 16 | | N | | 5.2 | 3.7 | 4.3 | | N | | 1.4 | 6.2 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | 1.5 | 5.7 | 9.9 | | N | | -5.7 | 5.7 | 9.2 | | N | | -3.3 | 5.6 | 9.4 | | N | | PCI/L |
| Radionuclides | Beta Activity | 4.9 | 6.5 | 10.7 | | N | | 1 | 8.2 | 14 | | N | | 3.2 | 7.2 | 12 | | N | | 3.9 | 9.1 | 15 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 43 | | 43 | < | N | | -14 | 27 | 44 | | N | | -13 | 31 | 44 | | N | | -14 | 30 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 15 | | 15 | < | N | | -1.3 | 11 | 19 | | N | | 6.7 | 14 | 23 | | N | | -6.1 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3 | | 3 | < | N | | -6.9 | 2.5 | 3.6 | | N | | -1.2 | 2.5 | 3.7 | | N | | -6 | 2.5 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.5 | | 3.5 | < | N | | 0.54 | 2.1 | 3.7 | | N | | -0.17 | 2.5 | 3.7 | | N | | 3.6 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 29 | | 29 | < | N | | 8.8 | 3.2 | 54 | | N | | -0.02 | 38 | 64 | | N | | 21 | 51 | 85 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.1 | | 2.1 | < | N | | -0.048 | 1.4 | 2.5 | | N | | 0.86 | 1.8 | 3.1 | | N | | -0.45 | 1.5 | 2.5 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.4 | | 3.4 | < | N | | 0.89 | 2.8 | 4.7 | | N | | 0.13 | 2.8 | 4.9 | | N | | -1.9 | 3.4 | 5.8 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.1 | | 4.1 | < | N | | 0.76 | 2.3 | 4 | | N | | 3.4 | 2.2 | 4.2 | | N | | 5.4 | 2.7 | 5.1 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.5 | | 7.5 | < | N | | 4.6 | 7 | 12 | | N | | 2 | 6.4 | 11 | | N | | 3.1 | 8.4 | 15 | | N | | PCI/L |
| Radionuclides | Lead-212 | 5.6 | | 5.6 | < | N | | -1.6 | 5.5 | 6.6 | | N | | 5 | 6.4 | 5.6 | | N | | 0.22 | 5.7 | 5.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.2 | | 3.2 | < | N | | 0.68 | 2.3 | 4 | | N | | -0.4 | 2.6 | 3.8 | | N | | 0.92 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.2 | | 4.2 | < | N | | 0.5 | 3.7 | 6.3 | | N | | 3.7 | 4.2 | 7.4 | | N | | 2.3 | 5.4 | 9.6 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 1.1 | 49 | 54 | | N | | -21 | 62 | 64 | | N | | 42 | 52 | 76 | | N | | 19 | 60 | 38 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.24 | 0.32 | 0.51 | | N | | 0.27 | 0.46 | 0.8 | | N | | -0.024 | 0.7 | 1.2 | | N | | 0.062 | 0.28 | 0.51 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.85 | 0.76 | 1.29 | | N | | -0.74 | 0.95 | 1.7 | | N | | -0.66 | 1.5 | 2.3 | | N | | -0.41 | 1.4 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | N | | 10 | 21 | 36 | | N | | -10 | 20 | 35 | | N | | 22 | 22 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.5 | | 3.5 | < | N | | -2.9 | 2.6 | 4.3 | | N | | 1.8 | 2.4 | 3.9 | | N | | 0.00067 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 8.5 | 10 | 12 | | N | | 7.6 | 7.8 | 12 | | N | | 7.3 | 13 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.005 | 0.001 | 0.001 | | N | | 0.015 | 0.001 | 0.001 | | N | | 0.005 | 0.001 | 0.001 | | N | | 0.007 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 1.2 | 0.06 | | | N | | 0.38 | 0.01 | | | N | | 1.2 | 0.005 | | | N | | 0.75 | 0.07 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.4 | | 4.4 | < | N | | -1.8 | 5.5 | 5 | | N | | 2.4 | 3.5 | 4.9 | | N | | -0.37 | 4.4 | 5 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7 | | 7 | < | N | | -3.8 | 5.3 | 8.7 | | N | | -3.3 | 4.7 | 8 | | N | | 3.4 | 5.4 | 9.6 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.7 | | 7.7 | < | N | | 1.3 | 6.1 | 11 | | N | | 2.6 | 6.4 | 11 | | N | | -3.5 | 8.3 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 4 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 5 | | 10 | J | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | | N | | 3 | | 10 | J | N | | 9 | | 10 | J | N | | 13 | | 10 | | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | | N | | 7 | | 10 | J | N | | 5 | | 10 | J | N | | 9 | | 10 | J | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 98 | | 5 | | N | | 110 | | 5 | | N | | 110 | | 5 | | N | | 100 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | N | | 5.5 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2.1 | | 2 | | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | N | | 260 | | 5 | | N | | 680 | | 5 | | N | | 180 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 15 | | 2 | | N | | 4.7 | | 2 | | N | | 19 | | 2 | | N | | 12 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Duplicate

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 13.4 | | 1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1.1 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 32.3 | | 10 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.74 | | 0.1 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.07 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.0296 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.016 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 35 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 8.9 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.033 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 1.6 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 5.59 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.091 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.11 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.06 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0305 | | 0.0008 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.015 | | 0.006 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 36 | | 0.2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.05 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.031 | | 0.002 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 1.6 | | 0.6 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 5.75 | | 0.04 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.095 | | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.1 | | 0.01 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Alpha Activity | 4.6 | 8 | 13.7 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 2.4 | 6.2 | 10.6 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 48 | | 48 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 3.2 | | 3.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 3.4 | | 3.4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 35 | | 35 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 4.2 | | 4.2 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 4.1 | | 4.1 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 10 | | 10 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 4.8 | 5.9 | 5.3 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3.6 | | 3.6 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 9.8 | 71 | 54 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0.21 | 0.49 | 0.79 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.42 | 0.84 | 1.51 | | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 33 | | 33 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.005 | 0 | 0.001 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 1.2 | 0.04 | | | N | | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | 4.9 | | 4.9 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 8.6 | | 8.6 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 9.6 | | 9.6 | < | N | | | | | | | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 2 | | 10 | J | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 11 | | 10 | | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 1 | | 10 | J | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 6 | | 10 | J | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Alkalinity | 98 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 200 | | 5 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | 16 | | 2 | | N | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | J | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 5 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 4 | | 10 | J | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 150 Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 24.8 | | 1 | | N | | 22 | | 1 | | N | | 27.5 | | 1 | | N | | 14.3 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 4.2 | | 0.1 | | N | | 3.96 | | 0.1 | | N | | 3.26 | | 0.1 | | N | | 2.02 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 1.3 | | 0.1 | | N | | 1.5 | | 0.1 | | N | | 2.7 | | 0.1 | | N | | 0.96 | | 0.1 | | N | | MG/L |
| Anions by IC | Sulfate | 233 | | 10 | | N | | 200 | | 10 | | N | | 208 | | 10 | | N | | 108 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 1.8 | | 0.1 | | N | | 1.7 | | 0.1 | | N | | 1.7 | | 0.1 | | N | | 1.1 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 14 | | 0.2 | | N | | 18 | | 0.2 | | N | | 7.4 | | 0.2 | | N | | 10 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 13 | | 0.2 | | N | | 15 | | 0.2 | | N | | 9.4 | | 0.2 | | N | | 9.1 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.06 | | 0.04 | | N | | 0.04 | | 0.04 | | N | | 0.1 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0709 | | 0.0008 | | N | | 0.0704 | | 0.0008 | | N | | 0.0436 | | 0.0008 | | N | | 0.0605 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.251 | | 0.006 | | N | | 0.148 | | 0.006 | | N | | 0.058 | | 0.006 | | N | | 0.054 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 100 | | 0.2 | | N | | 96.4 | | 0.2 | | N | | 86.2 | | 0.2 | | N | | 57.9 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | | N | | 0.008 | | 0.006 | | N | | 0.076 | | 0.006 | | N | | 0.019 | | 0.006 | | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.23 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP | Lithium | 0.21 | | 0.02 | | N | | 0.42 | | 0.02 | | N | | 0.09 | | 0.02 | | N | | 0.24 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 23.1 | | 0.04 | | N | | 21.2 | | 0.04 | | N | | 23.1 | | 0.04 | | N | | 14.9 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.02 | | 0.002 | | N | | 0.02 | | 0.002 | | N | | 0.026 | | 0.002 | | N | | 0.017 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0 006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 4.7 | | 0.6 | | N | | 4.1 | | 0.6 | | N | | 3.5 | | 0.6 | | N | | 2.8 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 22 | | 0.04 | | N | | 20.5 | | 0.04 | | N | | 22 | | 0.04 | | N | | 13.6 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.257 | | 0.001 | | N | | 0.237 | | 0.001 | | N | | 0.208 | | 0.001 | | N | | 0.152 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.03 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | 0.04 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.07 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.0732 | | 0.0008 | | N | | 0.0712 | | 0.0008 | | N | | 0.0447 | | 0.0008 | | N | | 0.061 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.253 | | 0.006 | | N | | 0.152 | | 0.006 | | N | | 0.061 | | 0.006 | | N | | 0 061 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 103 | | 0.2 | | N | | 95.6 | | 0.2 | | N | | 87.9 | | 0.2 | | N | | 59.3 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.007 | | 0.006 | | N | | 0.008 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0 02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0 06 | < | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.21 | | 0.02 | | N | | 0.41 | | 0.02 | | N | | 0.11 | | 0.02 | | N | | 0.24 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 23.7 | | 0.04 | | N | | 21.1 | | 0.04 | | N | | 23.4 | | 0.04 | | N | | 14.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.021 | | 0.002 | | N | | 0.02 | | 0.002 | | N | | 0.012 | | 0.002 | | N | | 0.013 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.008 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 4.9 | | 0.6 | | N | | 4.2 | | 0.6 | | N | | 3.9 | | 0.6 | | N | | 2.8 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 22.7 | | 0.04 | | N | | 20.4 | | 0.04 | | N | | 23 | | 0.04 | | N | | 13.5 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.264 | | 0.001 | | N | | 0.238 | | 0.001 | | N | | 0.216 | | 0.001 | | N | | 0.155 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.03 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | 0.02 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 4.4 | 9.4 | 16.7 | | N | | 2.5 | 10 | 18 | | N | | 0.77 | 2.8 | 5.7 | | N | | -2.1 | 6.2 | 12 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.7 | | 8.7 | < | N | | -2.1 | 4.8 | 8.1 | | N | | -2.6 | 5.4 | 9 | | N | | 0.5 | 5.6 | 9.4 | | N | | PCI/L |
| Radionuclides | Beta Activity | 0.53 | 6.4 | 11.6 | | N | | -0.72 | 8.6 | 15 | | N | | 2.6 | 8.2 | 14 | | N | | -0.81 | 9.2 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | N | | 4.7 | 25 | 43 | | N | | 43 | 29 | 54 | | N | | -0.28 | 28 | 48 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 21 | | 21 | < | N | | 0.87 | 11 | 18 | | N | | -4.5 | 12 | 20 | | N | | 14 | 15 | 26 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.4 | | 3.4 | < | N | | 0.58 | 2.1 | 3.2 | | N | | -1.2 | 2.2 | 3.5 | | N | | -0.65 | 2.4 | 3.5 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.5 | | 3.5 | < | N | | -1.2 | 1.9 | 3.1 | | N | | 3.4 | 2.2 | 4.1 | | N | | 3 | 2.2 | 3.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 36 | | 36 | < | N | | 10 | 23 | 39 | | N | | 0.91 | 35 | 61 | | N | | 12 | 51 | 86 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.7 | | 2.7 | < | N | | 0.39 | 1.4 | 2.3 | | N | | 1.4 | 1.5 | 2.6 | | N | | 0.86 | 2.1 | 3.4 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.7 | | 3.7 | < | N | | -0.097 | 2.4 | 4 | | N | | -3 | 2.9 | 4.7 | | N | | 0.038 | 3.2 | 5.4 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4 | | 4 | < | N | | 0.72 | 2.4 | 4.1 | | N | | 6 | 4 | 4.9 | | N | | 1.5 | 2.3 | 4.2 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.2 | | 8.2 | < | N | | 1.7 | 5.3 | 9.2 | | N | | 2.5 | 7.3 | 13 | | N | | 0.8 | 8.2 | 14 | | N | | PCI/L |
| Radionuclides | Lead-212 | 1.8 | 5 | 5.3 | | N | | 0.98 | 5.1 | 4.8 | | N | | 2.5 | 6.3 | 5.5 | | N | | 5.3 | 5.4 | 5.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.7 | | 3.7 | < | N | | -1.5 | 2.1 | 3.5 | | N | | -0.35 | 2.4 | 4.2 | | N | | 0.61 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | N | | 2.2 | 2.9 | 5.2 | | N | | 2.8 | 4.4 | 7.9 | | N | | 2.6 | 5.4 | 9.3 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 53 | 57 | 54 | | N | | 5.6 | 54 | 37 | | N | | 16 | 60 | 32 | | N | | 40 | 66 | 36 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.29 | 0.3 | 0.43 | | N | | 0.2 | 0.39 | 0.72 | | N | | -0.38 | 0.32 | 0.86 | | N | | 0.2 | 0.31 | 0.51 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.36 | 1.1 | 1.2 | | N | | -1.6 | 1.6 | 1.7 | | N | | 0.47 | 1.1 | 1.5 | | N | | 0.19 | 0.58 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 33 | | 33 | < | N | | 13 | 18 | 32 | | N | | 5.8 | 21 | 36 | | N | | 8.3 | 20 | 36 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.6 | | 3.6 | < | N | | -1.5 | 2.2 | 3.8 | | N | | 0.033 | 2.5 | 4.5 | | N | | -2.3 | 2.3 | 3.8 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 12 | | 12 | < | N | | 0.28 | 12 | 9.2 | | N | | -0.2 | 12 | 13 | | N | | 12 | 12 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.007 | 0 | 0.001 | | N | | 0.005 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | N | | 0.001 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.51 | 0.04 | | | N | | 0.4 | 0.01 | | | N | | 0.61 | 0.1 | | | N | | 1.8 | 0.97 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.3 | | 4.3 | < | N | | 0.56 | 3.7 | 4.4 | | N | | 0.48 | 5 | 3.8 | | N | | -3.2 | 4.6 | 4.7 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.1 | | 7.1 | < | N | | -3.7 | 5 | 8.1 | | N | | -5.3 | 5.6 | 8.8 | | N | | 0.071 | 5 | 8.6 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.8 | | 8.8 | < | N | | -1.9 | 5.5 | 9.3 | | N | | -4.5 | 7.3 | 12 | | N | | 10 | 7.6 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | J | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 4 | | 10 | J | N | | 2 | | 10 | J | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 3 | | 10 | J | N | | 2 | | 10 | J | N | | 1 | | 10 | J | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 11 | | 10 | | N | | 10 | | 10 | | N | | 7 | | 10 | J | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 120 | | 5 | | N | | 110 | | 5 | | N | | 73 | | 5 | | N | | 80 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 6.3 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 3.8 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 700 | | 5 | | N | | 540 | | 5 | | N | | 520 | | 5 | | N | | 290 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 22 | | 2 | | N | | 2.8 | | 2 | | N | | 11 | | 2 | | N | | 2.8 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 17.4 | | 1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 3 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.93 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 151 | | 10 | | N | | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 1.7 | | 0.1 | | N | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 18 | | 0.2 | | N | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 16 | | 0.2 | | N | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.04 | | 0.04 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0704 | | 0.0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.148 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 96.4 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.008 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.4 | | 0.02 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 21.2 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.021 | | 0.002 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 4.1 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 20.7 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.238 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.04 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.0716 | | 0.0008 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.154 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 96.2 | | 0.2 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.008 | | 0.006 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.41 | | 0.02 | | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | | | | | | | 21.3 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.02 | | 0.002 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 4.2 | | 0.6 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 20.6 | | 0.04 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.24 | | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.02 | | 0.01 | | N | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | N | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 0 | 24 | 18 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Antimony-125 | | | | | | | -4.6 | 5.4 | 8.7 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Beta Activity | | | | | | | 1.4 | 8.8 | 15 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Bismuth-212 | | | | | | | 22 | 27 | 47 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cerium-144 | | | | | | | 0.13 | 13 | 22 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cesium-134 | | | | | | | -0.27 | 2.4 | 3.6 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cesium-137 | | | | | | | 3 | 2.1 | 3.8 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Chromium-51 | | | | | | | 10 | 24 | 42 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-57 | | | | | | | -0.73 | 1.8 | 2.9 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-58 | | | | | | | 0.032 | 2.4 | 4.2 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Cobalt-60 | | | | | | | 3 | 2.3 | 4.3 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Iron-59 | | | | | | | 2.9 | 5.4 | 9.7 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Lead-212 | | | | | | | 6.4 | 6.5 | 4.9 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Manganese-54 | | | | | | | 1.7 | 2.2 | 3.8 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Niobium-95 | | | | | | | 0.79 | 3.1 | 5.3 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Potassium-40 | | | | | | | 29 | 63 | 37 | | N | | | | | | | | | | | | | | PCi/L |
| Radionuclides | Radium-226 | | | | | | | 0.43 | 0.5 | 0.74 | | N | | | | | | | | | | | | | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | -0.21 | 1.1 | 1.4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -7.8 | 19 | 32 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | -0.82 | 2.2 | 3.7 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 7.4 | 6.5 | 11 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.005 | 0 | 0.001 | | N | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 0.4 | 0.05 | | | N | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | 1.4 | 3.4 | 4.5 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | -0.11 | 4.8 | 8.4 | | N | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 1.7 | 5.7 | 9.8 | | N | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 1 | | 10 | JB | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 2 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 110 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 6.4 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 550 | | 5 | | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 2 | | 2 | < | N | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | N | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 5 | | 10 | J | N | | 10 | | 10 | U | N | | 7 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | J | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 160 Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 7 | | 10 | J | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 24 | | 1 | | N | | 8.49 | | 1 | | N | | 8.76 | | 1 | | N | | 7.05 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 1.6 | | 0.1 | | N | | 0.63 | | 0.1 | | N | | 1.24 | | 0.1 | | N | | 0.54 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 63 | | 10 | | N | | 21.2 | | 10 | | N | | 25.3 | | 10 | | N | | 28.2 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.7 | | 0.1 | | N | | 0.8 | | 0.1 | | N | | 0.83 | | 0.1 | | N | | 0.65 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 7.5 | | 0.2 | | N | | 6.5 | | 0.2 | | N | | 7.7 | | 0.2 | | N | | 7.8 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 6.2 | | 0.2 | | N | | 6.5 | | 0.2 | | N | | 7.1 | | 0.2 | | N | | 6.2 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.05 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.0464 | | 0.0008 | | N | | 0.0357 | | 0.0008 | | N | | 0.0546 | | 0.0008 | | N | | 0.042 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.024 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | 0.015 | | 0.006 | | N | | 0.015 | | 0.006 | | Y | J | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 43.4 | | 0.2 | | N | | 37.8 | | 0.2 | | N | | 35.6 | | 0.2 | | N | | 32.6 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | UJ | MG/L |
| Metals ICP | Copper | 0.011 | | 0.006 | | N | | 0.012 | | 0.006 | | N | | 0.013 | | 0.006 | | N | | 0.012 | | 0.006 | | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP | Lithium | 0.07 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.08 | | 0.02 | | N | | 0.05 | | 0.02 | | Y | | MG/L |
| Metals ICP | Magnesium | 8.93 | | 0.04 | | N | | 8.87 | | 0.04 | | N | | 8.43 | | 0.04 | | N | | 8.33 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.004 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | | N | | 0.004 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | UJ | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 1.8 | | 0.6 | | N | | 1.6 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 1.5 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 12 | | 0.04 | | N | | 5.51 | | 0.04 | | N | | 5.59 | | 0.04 | | N | | 6 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.108 | | 0.001 | | N | | 0.091 | | 0.001 | | N | | 0.089 | | 0.001 | | N | | 0.094 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | 0.08 | | 0.01 | | N | | 0.1 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.07 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0489 | | 0.0008 | | N | | 0.0372 | | 0.0008 | | N | | 0.063 | | 0.0008 | | N | | 0.0411 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.026 | | 0.006 | | N | | 0.014 | | 0.006 | | N | | 0.017 | | 0.006 | | N | | 0.015 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 45.3 | | 0.2 | | N | | 38.5 | | 0.2 | | N | | 34.7 | | 0.2 | | N | | 33 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.01 | | 0.006 | | N | | 0.009 | | 0.006 | | N | | 0.011 | | 0.006 | | N | | 0.009 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP Diss | Lithium | 0.1 | | 0.02 | | N | | 0.02 | | 0.02 | < | N | | 0.14 | | 0.02 | | N | | 0.04 | | 0.02 | | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 9.2 | | 0.04 | | N | | 9.13 | | 0.04 | | N | | 7.95 | | 0.04 | | N | | 8.54 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.004 | | 0.002 | | Y | J | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 1.8 | | 0.6 | | N | | 1.5 | | 0.6 | | N | | 1.3 | | 0.6 | | N | | 1.6 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 12.6 | | 0.04 | | N | | 5.7 | | 0.04 | | N | | 5.48 | | 0.04 | | N | | 6.12 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.113 | | 0.001 | | N | | 0.096 | | 0.001 | | N | | 0.087 | | 0.001 | | N | | 0.096 | | 0 001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 1.4 | 7.4 | 14.2 | | N | | 2.1 | 8.6 | 15 | | N | | 1.5 | 2.6 | 4.4 | | N | | 4.8 | 4.1 | 5.7 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | 7.3 | | 7.3 | < | N | | 3.5 | 4.6 | 8 | | N | | -1.6 | 4.5 | 7.5 | | N | | -2.4 | 4.7 | 7.8 | | Y | | PCI/L |
| Radionuclides | Beta Activity | 0.33 | 5.8 | 10.8 | | N | | -4.1 | 7.7 | 14 | | N | | -1.4 | 6.8 | 12 | | N | | 3 | 7.5 | 13 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | 38 | | 38 | < | N | | 17 | 23 | 41 | | N | | 7.6 | 22 | 38 | | N | | 20 | 23 | 41 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | 4.5 | 12 | 20 | | N | | -1.4 | 12 | 20 | | N | | 1.9 | 13 | 21 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | -5.3 | 2.1 | 3 | | N | | -3.7 | 2 | 2.9 | | N | | -4.5 | 2 | 3 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | N | | -1.4 | 1.8 | 2.9 | | N | | 0.94 | 1.7 | 2.9 | | N | | 1.4 | 1.7 | 3 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | 28 | | 28 | < | N | | -17 | 22 | 36 | | N | | 7.2 | 30 | 51 | | N | | 23 | 43 | 75 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | N | | 0.13 | 1.5 | 2.6 | | N | | -0.018 | 1.6 | 2.7 | | N | | 0.13 | 1.6 | 2.7 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | 2.9 | | 2.9 | < | N | | -1.5 | 2 | 3.3 | | N | | 0.55 | 2.3 | 4 | | N | | -0.89 | 2.7 | 4.6 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | 3.1 | | 3.1 | < | N | | 2.2 | 2.3 | 3.6 | | N | | 0.5 | 2.1 | 3.1 | | N | | 1.6 | 2.3 | 3.5 | | Y | | PCI/L |
| Radionuclides | Iron-59 | 6.8 | | 6.8 | < | N | | 2.4 | 5.2 | 8 | | N | | -2.6 | 6.8 | 9.6 | | N | | 1.6 | 7.4 | 13 | | Y | | PCI/L |
| Radionuclides | Lead-212 | 6 8 | 5.1 | 5.3 | | N | | 1.4 | 5.3 | 4.7 | | N | | 3.4 | 4.5 | 5.5 | | N | | 0.94 | 4.7 | 4.8 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | 2.9 | | 2.9 | < | N | | 0.55 | 1.7 | 3.1 | | N | | -0.79 | 1.8 | 3 | | N | | 1.2 | 1.8 | 3.3 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | 3.5 | | 3.5 | < | N | | 2.1 | 2.5 | 4.5 | | N | | 4.7 | 3.3 | 6.1 | | N | | 3.4 | 4.5 | 8.1 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | 17 | 42 | 54 | | N | | 38 | 34 | 55 | | N | | 6.1 | 35 | 53 | | N | | -59 | 41 | 52 | | Y | | PCI/L |
| Radionuclides | Radium-226 | 0.27 | 0.28 | 0.4 | | N | | 0.4 | 0.48 | 0.68 | | N | | -0.073 | 0.53 | 0.87 | | N | | 0 43 | 0.46 | 0.72 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.15 | 0.24 | 1.02 | | N | | 0.45 | 1.3 | 1.2 | | N | | -1.2 | 1.5 | 1.6 | | N | | -0.74 | 2.1 | 1.2 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 26 | < | N | | 12 | 17 | 29 | | N | | 4.9 | 17 | 28 | | N | | 3 | 17 | 29 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | 3.1 | | 3.1 | < | N | | -0.11 | 1.7 | 2.9 | | N | | 1.1 | 1.8 | 3.2 | | N | | -0.93 | 1.8 | 3.1 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | 9.7 | | 9.7 | < | N | | 2.4 | 9.8 | 11 | | N | | 0.6 | 9.6 | 10 | | N | | 2.3 | 11 | 10 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | 0.002 | 0 | 0.001 | | N | | 0.001 | | 0.001 | < | N | | 0.005 | 0 | 0.001 | | N | | 0.007 | 0.001 | 0.001 | | Y | J | MG/L |
| Radionuclides | Uranium-235 | 0.66 | 0.01 | | | N | | | | | | N | | 0.31 | 0.03 | | | N | | 0.3 | 0.06 | | | Y | J | WT |
| Radionuclides | Uranium-235 | 4.1 | | 4.1 | < | N | | 3.4 | 4.3 | 4.5 | | N | | 3.7 | 4 | 4.4 | | N | | 2.4 | 4.9 | 3.5 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | 6.2 | | 6.2 | < | N | | -5.3 | 4.6 | 6 | | N | | -0.87 | 4.7 | 6.7 | | N | | -0.36 | 4.3 | 6.3 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | 7.7 | | 7.7 | < | N | | -1.8 | 4.9 | 8.4 | | N | | 3 | 5.3 | 9.4 | | N | | 0.34 | 6.6 | 11 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 2 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 5 | | 10 | J | N | | 1 | | 10 | JB | N | | 4 | | 10 | JB | N | | 34 | | 10 | B | Y | U | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 2 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 4 | | 10 | J | N | | 9 | | 10 | J | N | | 3 | | 10 | J | N | | 7 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | J | N | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 5 | | 10 | J | N | | 3 | | 10 | J | N | | 140 | | 10 | | N | | 35 | | 10 | | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 100 | | 5 | | N | | 110 | | 5 | | N | | 94 | | 5 | | N | | 88 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | N | | 5.9 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2.1 | | 2 | | N | | 3.1 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 280 | | 5 | | N | | 210 | | 5 | | N | | 230 | | 5 | | N | | 180 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 15 | | 2 | | N | | 15 | | 2 | | N | | 15 | | 2 | | N | | 4.6 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163 Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | N | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 9.62 | | 1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 1.26 | | 0.1 | | N | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 25.3 | | 10 | | N | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.85 | | 0.1 | | N | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 7.1 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 7.3 | | 0.2 | | N | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.05 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0619 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.016 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 37.3 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.009 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.09 | | 0.02 | | N | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 8.88 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | | N | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1.6 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 5.93 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.094 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.07 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.05 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0667 | | 0.0008 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.016 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 34.2 | | 0.2 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.009 | | 0.006 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.13 | | 0.02 | | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163 Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 7.85 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0 006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.4 | | 0.6 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 5.45 | | 0.04 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.086 | | 0.001 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.06 | | 0.01 | | N | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 0 | 1.9 | 4.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | -0.0025 | 4.6 | 7.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | 5.1 | 7.4 | 12 | | N | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 5.3 | 25 | 44 | | N | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | -1.3 | 11 | 18 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -2.5 | 2.1 | 3.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 2.3 | 2 | 3.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -3.4 | 21 | 37 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | -0.3 | 1.4 | 2.3 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -0.31 | 2.2 | 3.9 | | N | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 3.1 | 2.4 | 4.5 | | N | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | 4.5 | 5.3 | 9.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 0.53 | 5.2 | 4.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | 0.94 | 2.1 | 3.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 2.2 | 2.9 | 5.2 | | N | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 65 | 51 | 42 | | N | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | -0.11 | 0.31 | 0 81 | | N | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | | | | | | | | | | | | | -0.59 | 0.97 | 1.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | 3.6 | 17 | 30 | | N | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -0.11 | 2.1 | 3.7 | | N | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | -0.39 | 9.5 | 11 | | N | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.005 | 0 | 0.001 | | N | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.33 | 0.03 | | | N | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 1.1 | 4.8 | 3.4 | | N | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -0.0042 | 5 | 8.8 | | N | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | -3.7 | 5.3 | 8.9 | | N | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 7 | | 10 | J | N | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 5 | | 10 | J | N | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | N | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 100 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | N | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 250 | | 5 | | N | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 15 | | 2 | | N | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | N | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 163 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 5 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 5 | | 10 | J | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

**Station ID:** Outfall 163 Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 4 | | 10 | J | N | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 18 | | 1 | | N | | 9.94 | | 1 | | N | | 20.8 | | 1 | | N | | 9.14 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 23.3 | | 0.1 | | N | | 15.9 | | 0.1 | | N | | 18.1 | | 0.1 | | N | | 13.6 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.21 | | 0.1 | | N | | 0.14 | | 0.1 | | N | | 0.2 | | 0.1 | | N | | 0.15 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Sulfate | 59.1 | | 10 | | N | | 33.5 | | 10 | | N | | 40.2 | | 10 | | N | | 38.2 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.82 | | 0.1 | | N | | 0.94 | | 0.1 | | N | | 0.99 | | 0.1 | | N | | 0.77 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 4.4 | | 0.2 | | N | | 2 | | 0.2 | | N | | 2.6 | | 0.2 | | N | | 3.5 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 3.8 | | 0.2 | | N | | 1.5 | | 0.2 | | N | | 2.2 | | 0.2 | | N | | 3.1 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.06 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | Y | | MG/L |
| Metals ICP | Barium | 0.128 | | 0.0008 | | N | | 0.0964 | | 0.0008 | | N | | 0.114 | | 0.0008 | | N | | 0.0993 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.036 | | 0.006 | | N | | 0.021 | | 0.006 | | N | | 0.022 | | 0.006 | | N | | 0.023 | | 0.006 | | Y | J | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 65.5 | | 0.2 | | N | | 59.2 | | 0.2 | | N | | 64.2 | | 0.2 | | N | | 58.7 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | UJ | MG/L |
| Metals ICP | Copper | 0.01 | | 0.006 | | N | | 0.016 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.07 | | 0.06 | | Y | J | MG/L |
| Metals ICP | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | 12.3 | | 0.04 | | N | | 11.9 | | 0.04 | | N | | 13 | | 0.04 | | N | | 12.2 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.091 | | 0.002 | | N | | 0.052 | | 0.002 | | N | | 0.065 | | 0.002 | | N | | 0.11 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | UJ | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 2 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 2.2 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 8.59 | | 0.04 | | N | | 7.53 | | 0.04 | | N | | 8.95 | | 0.04 | | N | | 8.73 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.188 | | 0.001 | | N | | 0.16 | | 0.001 | | N | | 0.179 | | 0.001 | | N | | 0.173 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | 0.07 | | 0.01 | | N | | 0.09 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.06 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | 0.06 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | N | | 0.05 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Barium | 0.133 | | 0.0008 | | N | | 0.107 | | 0.0008 | | N | | 0.112 | | 0.0008 | | N | | 0.101 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.037 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | 0.023 | | 0.006 | | N | | 0.023 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 67.8 | | 0.2 | | N | | 61 | | 0.2 | | N | | 64 | | 0.2 | | N | | 59.3 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.009 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP Diss | Lithium | 0.03 | | 0.02 | | N | | 0.02 | | 0.02 | | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | 12.6 | | 0.04 | | N | | 12 | | 0.04 | | N | | 12.8 | | 0.04 | | N | | 12.3 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.093 | | 0.002 | | N | | 0.04 | | 0.002 | | N | | 0.056 | | 0.002 | | N | | 0.108 | | 0.002 | | Y | J | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 2 | | 0.6 | | N | | 1.8 | | 0.6 | | N | | 1.9 | | 0.6 | | N | | 2.1 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 8.88 | | 0.04 | | N | | 7.7 | | 0.04 | | N | | 8.94 | | 0.04 | | N | | 8.75 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.196 | | 0.001 | | N | | 0.17 | | 0.001 | | N | | 0.179 | | 0.001 | | N | | 0.176 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.07 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.07 | | 0.01 | | N | | 0.06 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | -0.97 | 7.6 | 14.5 | | N | | -2.1 | 8.1 | 16 | | N | | 3.1 | 3.2 | 4.6 | | N | | 5.1 | 4.2 | 5.7 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | -3.5 | 5.7 | 9.2 | | N | | -2.2 | 5.7 | 9.7 | | N | | 1.3 | 5.3 | 9 | | Y | | PCI/L |
| Radionuclides | Beta Activity | 16 | 7.6 | 10.9 | | N | | 11 | 8.9 | 14 | | N | | 16 | 8.6 | 12 | | N | | 17 | 8.9 | 13 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | 49 | | 49 | < | N | | 30 | 27 | 48 | | N | | 8.4 | 34 | 50 | | N | | 25 | 27 | 49 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | N | | -4.1 | 14 | 22 | | N | | 5.4 | 13 | 21 | | N | | -1.7 | 13 | 22 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | 3.5 | | 3.5 | < | N | | -1.1 | 2.5 | 3.6 | | N | | -2 | 2.5 | 3.5 | | N | | 1.9 | 2.3 | 3.5 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | 3.8 | | 3.8 | < | N | | 0.51 | 2.2 | 3.8 | | N | | 0.58 | 2.5 | 3.8 | | N | | 2.8 | 2.1 | 3.9 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | 31 | | 31 | < | N | | -18 | 25 | 42 | | N | | -23 | 90 | 150 | | N | | -5.5 | 46 | 80 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | 2.3 | | 2.3 | < | N | | 0.7 | 1.8 | 3.1 | | N | | -0.66 | 1.6 | 2.7 | | N | | -0.34 | 1.8 | 2.9 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | 4.1 | | 4.1 | < | N | | -0.4 | 2.5 | 4.2 | | N | | 0.46 | 4 | 6.8 | | N | | 0.064 | 3.1 | 5.4 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | 4.6 | | 4.6 | < | N | | 0.21 | 2.3 | 4.1 | | N | | -0.36 | 2.3 | 4 | | N | | 3.1 | 2.4 | 4.4 | | Y | | PCI/L |
| Radionuclides | Iron-59 | 9.1 | | 9.1 | < | N | | 1.7 | 5.6 | 9.9 | | N | | 1.2 | 13 | 22 | | N | | 4.4 | 8.9 | 16 | | Y | | PCI/L |
| Radionuclides | Lead-212 | 8.3 | 3.6 | 5.3 | | N | | 1.4 | 5.1 | 5.3 | | N | | 1.5 | 5.5 | 5.8 | | N | | -2.5 | 5.8 | 5.9 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | 3.9 | | 3.9 | < | N | | 2.6 | 2.2 | 3.9 | | N | | -1.1 | 3.1 | 4.3 | | N | | -2.7 | 2.3 | 3.8 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | 4.9 | | 4.9 | < | N | | -0.99 | 3 | 5.1 | | N | | 2 | 8.2 | 14 | | N | | 3.6 | 5.4 | 9.6 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | 190 | 43 | 54 | | N | | 20 | 68 | 37 | | N | | 17 | 57 | 65 | | N | | 60 | 53 | 35 | | Y | | PCI/L |
| Radionuclides | Radium-226 | 0.46 | 0.36 | 0.46 | | N | | -0.18 | 0.35 | 0.88 | | N | | -0.18 | 0.35 | 0.83 | | N | | -0.13 | 0.29 | 0.72 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | 0.046 | 0.16 | 1.19 | | N | | 0.061 | 0.96 | 1.7 | | N | | -0.2 | 0.42 | 1.6 | | N | | 0.3 | 1.3 | 1.4 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | N | | 1.9 | 19 | 33 | | N | | -0.42 | 22 | 38 | | N | | -19 | 20 | 32 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | 4 | | 4 | < | N | | -0.14 | 2.2 | 3.8 | | N | | 1.7 | 2.9 | 4.6 | | N | | -0.25 | 2.2 | 3.9 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 11 | 6.6 | 12 | | N | | 3.7 | 10 | 13 | | N | | -3.3 | 9.5 | 12 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | 0.006 | 0 | 0.001 | | N | | 0.005 | 0 | 0.001 | | N | | 0.004 | 0 | 0.001 | | N | | 0.006 | 0 | 0.001 | | Y | J | MG/L |
| Radionuclides | Uranium-235 | 0.28 | 0.03 | | | N | | 0.26 | 0.012 | | | N | | 0.31 | 0.04 | | | N | | 0.3 | 0.02 | | | Y | J | WT |
| Radionuclides | Uranium-235 | 17 | 3.7 | 4.4 | | N | | -1.7 | 4.4 | 4.5 | | N | | 1.3 | 5 | 3.7 | | N | | 4.3 | 4.4 | 3.6 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | 8.3 | | 8.3 | < | N | | -2.3 | 4.8 | 8.1 | | N | | -4.6 | 5.7 | 9.2 | | N | | -3.8 | 5.3 | 8.6 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | 9 | | 9 | < | N | | 3 | 5.8 | 10 | | N | | 0.98 | 10 | 17 | | N | | -3.6 | 7.4 | 13 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 5 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 3 | | 10 | JB | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | U | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 9 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 2 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 2 | | 10 | J | N | | 4 | | 10 | J | N | | 2 | | 10 | J | N | | 5 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 3 | | 10 | J | N | | 3 | | 10 | J | N | | 2 | | 10 | J | N | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 1 | | 10 | J | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 13 | | 10 | | N | | 14 | | 10 | | N | | 10 | | 10 | J | N | | 12 | | 10 | | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | N | | 110 | | 5 | | N | | 120 | | 5 | | N | | 110 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 6.7 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2.4 | | 2 | | N | | 2.3 | | 2 | | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 400 | | 5 | | N | | 390 | | 5 | | N | | 450 | | 5 | | N | | 300 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 17 | | 2 | | N | | 18 | | 2 | | N | | 15 | | 2 | | N | | 15 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Duplicate

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 10.3 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 11.3 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.11 | | 0.1 | | N | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 34.8 | | 10 | | N | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.65 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 3.3 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 2.8 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.06 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 0.084 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.02 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 53.1 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.07 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 11.8 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 0.083 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 8.3 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 0.158 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 0.086 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.02 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 53.6 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0 02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 11.7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 0.083 | | 0.002 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 2 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 8.22 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 0.16 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | N | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 2.9 | 6.6 | 11 | | N | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | 2.9 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | 7.1 | 9.5 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 27 | 30 | 55 | | N | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | 4.9 | 13 | 22 | | N | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | -0.18 | 2.6 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | 0.99 | 4 | 3.9 | | N | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | 8.1 | 51 | 88 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.75 | 1.6 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | -3 | 3.7 | 6.1 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 3.3 | 3.4 | 5.4 | | N | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | 1.8 | 10 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | 6 | 7 | 5.4 | | N | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | -0.28 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | 0.75 | 6.1 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | 0.63 | 61 | 41 | | N | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | 0.065 | 0.29 | 0.52 | | N | | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | 0.44 | 2.3 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | 3.3 | 24 | 40 | | N | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | -0.76 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | 0.87 | 13 | 14 | | N | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 0.006 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 0.29 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 1.3 | 5.1 | 4.1 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | -0.6 | 5.9 | 10 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | -1.7 | 8.2 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | N | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | | | | | | | 2 | | 10 | JB | N | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 9 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 4 | | 10 | J | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Duplicate

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 8 | | 10 | J | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 16 | | 10 | | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 110 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 5.5 | | 5 | | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | 280 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 5.1 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 7 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 4 | | 10 | J | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 169 Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 7 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 179

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 23 | | 1 | | Y | J | 11.5 | | 1 | | Y | J | 14.3 | | 1 | | Y | J | 9.4 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 36.6 | | 0.1 | | Y | J | 36.2 | | 0.1 | | Y | J | 30.7 | | 0.1 | | Y | J | 20.9 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.16 | | 0.1 | | Y | J | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.11 | | 0.1 | | Y | J | 0.1 | | 0.1 | | Y | J | 0.12 | | 0.1 | | Y | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 37.3 | | 10 | | Y | J | 24.6 | | 10 | | Y | J | 26 | | 10 | | Y | J | 29.2 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.58 | | 0.1 | | Y | | 0.68 | | 0.1 | | Y | | 0.82 | | 0.1 | | Y | | 0.58 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.92 | | 0.2 | | Y | | 0.59 | | 0.2 | | Y | | 0.7 | | 0.2 | | Y | | 1.6 | | 0.2 | | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 5 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.41 | | 0.2 | | Y | | 0.6 | | 0.2 | | Y | | 1.5 | | 0.2 | | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 5 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | 0.07 | | 0.04 | | Y | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Barium | 0.21 | | 0.0008 | | Y | | 0.218 | | 0.0008 | | Y | | 0.178 | | 0.0008 | | Y | | 0.139 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.042 | | 0.006 | | Y | | 0.024 | | 0.006 | | Y | J | 0.022 | | 0.006 | | Y | J | 0.022 | | 0.006 | | Y | J | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 82.9 | | 0.2 | | Y | | 86.9 | | 0.2 | | Y | | 78.9 | | 0.2 | | Y | | 67.8 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | UJ | MG/L |
| Metals ICP | Copper | 0.007 | | 0.006 | | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.12 | | 0.06 | | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.12 | | 0.06 | | Y | J | MG/L |
| Metals ICP | Lithium | 0.05 | | 0.02 | | Y | | 0.03 | | 0.02 | | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | | Y | | MG/L |
| Metals ICP | Magnesium | 12.4 | | 0.04 | | Y | | 13.4 | | 0.04 | | Y | | 13.4 | | 0.04 | | Y | | 11.8 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 0.214 | | 0.002 | | Y | | 0.149 | | 0.002 | | Y | J | 0.119 | | 0.002 | | Y | | 0.183 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | UJ | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 2 | | 0.6 | | Y | | 1.8 | | 0.6 | | Y | | 2 | | 0.6 | | Y | | 2 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 8.87 | | 0.04 | | Y | | 9.13 | | 0.04 | | Y | | 9.48 | | 0.04 | | Y | | 8.5 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.247 | | 0.001 | | Y | | 0.253 | | 0.001 | | Y | | 0.225 | | 0.001 | | Y | | 0.2 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | 0.06 | | 0.01 | | Y | | 0.05 | | 0.01 | | Y | J | 0.06 | | 0.01 | | Y | | 0.05 | | 0.01 | | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | | Y | | 0.05 | | 0.04 | | Y | | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.206 | | 0.0008 | | Y | | 0.225 | | 0.0008 | | Y | | 0.185 | | 0.0008 | | Y | | 0.141 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.044 | | 0.006 | | Y | J | 0.026 | | 0.006 | | Y | | 0.023 | | 0.006 | | Y | J | 0.023 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 82.5 | | 0.2 | | Y | | 89 | | 0.2 | | Y | | 79.3 | | 0.2 | | Y | | 68.5 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP Diss | Lithium | 0.04 | | 0.02 | | Y | | 0.03 | | 0.02 | | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 179

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 12.3 | | 0.04 | | Y | | 13.7 | | 0.04 | | Y | | 13.5 | | 0.04 | | Y | | 11.9 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.175 | | 0.002 | | Y | | 0.151 | | 0.002 | | Y | | 0.122 | | 0.002 | | Y | | 0.183 | | 0.002 | | Y | UJ | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 1.9 | | 0.6 | | Y | | 2 | | 0.6 | | Y | | 1.9 | | 0.6 | | Y | | 2 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 8.87 | | 0.04 | | Y | | 9.29 | | 0.04 | | Y | | 9.54 | | 0.04 | | Y | | 8.53 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.245 | | 0.001 | | Y | | 0.261 | | 0.001 | | Y | | 0.231 | | 0.001 | | Y | | 0.203 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.05 | | 0.01 | | Y | | 0.05 | | 0.01 | | Y | J | 0.05 | | 0.01 | | Y | | 0.04 | | 0.01 | | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 6.8 | 9.4 | 15.6 | | Y | R | 6.5 | 8.3 | 14 | | Y | R | 4.8 | 4.9 | 7.5 | | Y | R | 5 | 4.3 | 5.9 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | 7.3 | | 7.3 | < | Y | | 1.9 | 5.3 | 9.1 | | Y | | 0.053 | 5.6 | 9.6 | | Y | | 2.7 | 5.5 | 9.4 | | Y | | PCI/L |
| Radionuclides | Beta Activity | 30 | 9.1 | 11.3 | | Y | R | 21 | 8.8 | 12 | | Y | J | 32 | 10 | 13 | | Y | J | 19 | 9.2 | 13 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | Y | | 23 | 27 | 48 | | Y | | 33 | 29 | 52 | | Y | | 14 | 31 | 48 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | Y | | -5.7 | 14 | 22 | | Y | | -3.3 | 13 | 22 | | Y | | -2.4 | 15 | 25 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | 2.7 | | 2.7 | < | Y | | -0.066 | 2.3 | 3.5 | | Y | | -4.8 | 2.4 | 3.8 | | Y | | -0.55 | 2.5 | 3.5 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | Y | | 2.3 | 2.3 | 3.6 | | Y | | 0.072 | 2.1 | 3.6 | | Y | | -0.83 | 2.5 | 3.7 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | 32 | | 32 | < | Y | | 13 | 26 | 45 | | Y | | -49 | 92 | 150 | | Y | | 4.2 | 53 | 90 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | Y | | -0.54 | 1.8 | 3 | | Y | | 0.66 | 1.6 | 2.8 | | Y | | -0.13 | 2 | 3.4 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | 3.4 | | 3.4 | < | Y | | 0.18 | 2.4 | 4.2 | | Y | | -1.8 | 4.1 | 6.8 | | Y | | 0.73 | 3.3 | 5.8 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | 3.5 | | 3.5 | < | Y | | 2 | 2.2 | 4.1 | | Y | | 2.7 | 2.4 | 4.5 | | Y | | 1.7 | 2.2 | 3.9 | | Y | | PCI/L |
| Radionuclides | Iron-59 | 7.5 | | 7.5 | < | Y | | 0.9 | 5.5 | 9.6 | | Y | | 14 | 12 | 23 | | Y | | 8 | 8.3 | 15 | | Y | | PCI/L |
| Radionuclides | Lead-212 | 5.5 | 6.3 | 5.3 | | Y | | 3 | 6.3 | 5.1 | | Y | | 0.38 | 5.5 | 5.6 | | Y | | 7.5 | 6.1 | 5.6 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | 2.7 | | 2.7 | < | Y | | 1.2 | 2.2 | 3.9 | | Y | | 1.2 | 2.6 | 4.4 | | Y | | -0.23 | 2.4 | 4.1 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | 4.2 | | 4.2 | < | Y | | 1.1 | 3.1 | 5.4 | | Y | | 7.9 | 8.4 | 14 | | Y | | 3.8 | 5.5 | 9.7 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | 54 | | 54 | < | Y | | -16 | 65 | 75 | | Y | | 14 | 56 | 39 | | Y | | -31 | 61 | 75 | | Y | | PCI/L |
| Radionuclides | Radium-226 | 0.087 | 0.6 | 0.84 | | Y | R | -0.3 | 0.4 | 1.1 | | Y | R | 0.13 | 0.68 | 0.95 | | Y | R | 0.23 | 0.57 | 1.2 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 179

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.87 | 0.65 | 1.85 | | Y | R | -0.74 | 1.1 | 1.6 | | Y | R | 1.3 | 2.4 | 1.7 | | Y | R | -0.69 | 1.1 | 2 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | 26 | | 26 | < | Y | | -5.7 | 19 | 33 | | Y | | 12 | 22 | 38 | | Y | | -9.3 | 22 | 35 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | Y | | 0.68 | 2.2 | 3.8 | | Y | | 0.9 | 2.4 | 4.2 | | Y | | -0.52 | 2.1 | 3.6 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | 9.8 | | 9.8 | < | Y | | 9.3 | 6.3 | 11 | | Y | | 2.5 | 10 | 13 | | Y | | 2.2 | 11 | 10 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | 0.01 | 0.001 | 0.001 | | Y | J | 0.007 | 0 | 0.001 | | Y | J | 0.006 | 0 | 0.001 | | Y | J | 0.009 | 0 | 0.001 | | Y | J | MG/L |
| Radionuclides | Uranium-235 | 0.27 | 0.002 | | | Y | J | 0.25 | 0.013 | | | Y | J | 0.3 | 0.05 | | | Y | J | 0.3 | 0.03 | | | Y | J | WT |
| Radionuclides | Uranium-235 | 4.2 | | 4.2 | < | Y | | -2.9 | 3.4 | 4.4 | | Y | | 3.2 | 4 | 4.8 | | Y | | -1.6 | 4.2 | 4.7 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | 6.2 | | 6.2 | < | Y | | -3.8 | 4.9 | 8.1 | | Y | | -7.4 | 6.1 | 9.6 | | Y | | -2.9 | 5.2 | 8.5 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | 7.2 | | 7.2 | < | Y | | 2.9 | 6 | 10 | | Y | | -7.6 | 10 | 17 | | Y | | 2.4 | 7.8 | 14 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 12 | | 10 | | Y | | 3 | | 10 | J | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 2 | | 10 | JB | Y | R | 2 | | 10 | JB | Y | R | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 1 | | 10 | J | Y | R | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 179

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 4 | | 10 | J | Y | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 3 | | 10 | J | Y | | 4 | | 10 | J | Y | | 4 | | 10 | J | Y | | 4 | | 10 | J | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 4 | | 10 | J | Y | | 4 | | 10 | J | Y | | 3 | | 10 | J | Y | | 9 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 21 | | 10 | | Y | | 20 | | 10 | | Y | | 15 | | 10 | | Y | | 46 | | 10 | | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 1 | | 10 | J | Y | | 2 | | 10 | J | Y | | 1 | | 10 | J | Y | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | Y | | 120 | | 5 | | Y | | 120 | | 5 | | Y | | 120 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 10 | | 5 | | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2.8 | | 2 | | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 530 | | 5 | | Y | | 570 | | 5 | | Y | | 170 | | 5 | | Y | | 340 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 23 | | 2 | | Y | | 57 | | 2 | | Y | | 21 | | 2 | | Y | | 12 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 179 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 189

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 24.6 | | 1 | | Y | J | 11.6 | | 1 | | Y | J | 14.7 | | 1 | | Y | J | 7.14 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 168 | | 0.1 | | Y | J | 88.6 | | 0.1 | | Y | J | 70.4 | | 0.1 | | Y | J | 36.1 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.16 | | 0.1 | | Y | J | 0.1 | | 0.1 | | Y | J | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 51.1 | | 10 | | Y | J | 18.4 | | 10 | | Y | J | 22.7 | | 10 | | Y | J | 24.4 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.39 | | 0.1 | | Y | | 0.4 | | 0.1 | | Y | | 0.24 | | 0.1 | | Y | | 0.14 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | U | 0.2 | | 0.2 | < | Y | | 1.1 | | 0.2 | | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.286 | | 0.0008 | | Y | | 0.25 | | 0.0008 | | Y | | 0.187 | | 0.0008 | | Y | | 0.117 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.162 | | 0.006 | | Y | | 0.129 | | 0.006 | | Y | J | 0.127 | | 0.006 | | Y | J | 0.164 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.01 | | 0.004 | | Y | | 0.01 | | 0.004 | | Y | J | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 211 | | 0.2 | | Y | | 200 | | 0.2 | | Y | J | 152 | | 0.2 | | Y | J | 110 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | UJ | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.11 | | 0.06 | | Y | | 0.07 | | 0.06 | | Y | J | 0.08 | | 0.06 | | Y | J | 0.17 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | | Y | | 0.03 | | 0.02 | | Y | | 0.06 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 27.2 | | 0.04 | | Y | | 25.6 | | 0.04 | | Y | J | 20.2 | | 0.04 | | Y | | 13.8 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.898 | | 0.002 | | Y | | 0.66 | | 0.002 | | Y | J | 0.373 | | 0.002 | | Y | J | 0.483 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.013 | | 0.008 | | Y | | 0.011 | | 0.008 | | Y | J | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 3.5 | | 0.6 | | Y | | 4.1 | | 0.6 | | Y | | 3.4 | | 0.6 | | Y | | 2.6 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 20.2 | | 0.04 | | Y | | 19 | | 0.04 | | Y | | 15 | | 0.04 | | Y | | 9.27 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.648 | | 0.001 | | Y | | 0.596 | | 0.001 | | Y | | 0.454 | | 0.001 | | Y | | 0.279 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | Y | | 0.02 | | 0.01 | | Y | | 0.01 | | 0.01 | < | Y | J | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.282 | | 0.0008 | | Y | J | 0.264 | | 0.0008 | | Y | | 0.192 | | 0.0008 | | Y | | 0.117 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.161 | | 0.006 | | Y | | 0.13 | | 0.006 | | Y | | 0.128 | | 0.006 | | Y | J | 0.168 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.01 | | 0.004 | | Y | J | 0.009 | | 0.004 | | Y | J | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 211 | | 0.2 | | Y | J | 203 | | 0.2 | | Y | | 157 | | 0.2 | | Y | J | 110 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | UJ | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | | Y | | 0.03 | | 0.02 | | Y | | 0.06 | | 0.02 | | Y | | 0.02 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 189

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | 27.2 | | 0.04 | | Y | J | 26.4 | | 0.04 | | Y | | 20.3 | | 0.04 | | Y | | 13.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.883 | | 0.002 | | Y | J | 0.718 | | 0.002 | | Y | | 0.374 | | 0.002 | | Y | J | 0.486 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.014 | | 0.008 | | Y | J | 0.011 | | 0.008 | | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 3.6 | | 0.6 | | Y | | 4 | | 0.6 | | Y | | 3.5 | | 0.6 | | Y | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 20.2 | | 0.04 | | Y | | 19.4 | | 0.04 | | Y | | 15.2 | | 0.04 | | Y | | 9.39 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.641 | | 0.001 | | Y | | 0.61 | | 0.001 | | Y | | 0.465 | | 0.001 | | Y | | 0.284 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | J | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | Y | J | 0.01 | | 0.01 | | Y | J | 0.01 | | 0.01 | < | Y | J | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 340 | 50 | 18.2 | | Y | J | 200 | 34 | 16 | | Y | J | 150 | 24 | 8.4 | | Y | J | 390 | 49 | 13 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.5 | | 7.5 | < | Y | | -3.9 | 5.5 | 9 | | Y | | -4.2 | 5.7 | 9.1 | | Y | | -0.63 | 4.4 | 7.5 | | N | | PCI/L |
| Radionuclides | Beta Activity | 460 | 52 | 12.1 | | Y | J | 390 | 45 | 13 | | Y | J | 360 | 43 | 14 | | Y | J | 240 | 32 | 17 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | Y | | -3.3 | 27 | 46 | | Y | | 3.9 | 28 | 48 | | Y | | 12 | 23 | 41 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 18 | | 18 | < | Y | | -6 | 14 | 22 | | Y | | 12 | 16 | 27 | | Y | | -4 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.7 | | 2.7 | < | Y | | -4.6 | 2.1 | 3.3 | | Y | | 3.1 | 2.5 | 3.8 | | Y | | -3.1 | 2 | 3 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 2.9 | | 2.9 | < | Y | | -1.7 | 2.1 | 3.5 | | Y | | 1.3 | 2.1 | 3.7 | | Y | | 1.8 | 1.8 | 3.2 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 33 | | 33 | < | Y | | -3.2 | 29 | 49 | | Y | | -25 | 86 | 140 | | Y | | -30 | 42 | 70 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | Y | | -0.11 | 1.9 | 3.1 | | Y | | 0.8 | 2.1 | 3.5 | | Y | | 1.2 | 1.7 | 2.9 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.1 | | 3.1 | < | Y | | 0.45 | 2.6 | 4.4 | | Y | | -0.22 | 3.9 | 6.7 | | Y | | -0.14 | 2.6 | 4.5 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.5 | | 3.5 | < | Y | | 3.6 | 2.6 | 4.3 | | Y | | 3.2 | 2.3 | 4.3 | | Y | | 4.1 | 2.2 | 3.6 | | N | | PCI/L |
| Radionuclides | Iron-59 | 7.1 | | 7.1 | < | Y | | 0.57 | 6.6 | 9.9 | | Y | | -0.35 | 12 | 20 | | Y | | 3.3 | 8 | 12 | | N | | PCI/L |
| Radionuclides | Lead-212 | 0.17 | 5.1 | 5.3 | | Y | | 0.13 | 5.2 | 5.8 | | Y | | 3.3 | 5.1 | 6.5 | | Y | | -0.6 | 4.6 | 5.6 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 2.9 | | 2.9 | < | Y | | -0.97 | 2.2 | 3.7 | | Y | | -0.13 | 2.4 | 4.1 | | Y | | -0.47 | 1.9 | 3.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.2 | | 4.2 | < | Y | | 2 | 3.5 | 6.2 | | Y | | 14 | 8 | 15 | | Y | | 6.8 | 4.4 | 8.1 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 54 | | 54 | < | Y | | -58 | 60 | 74 | | Y | | 76 | 61 | 20 | | Y | | -28 | 38 | 52 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.51 | 1.2 | 1.83 | | Y | R | -0.038 | 0.61 | 1 | | Y | R | -0.13 | 0.36 | 0.94 | | Y | R | 0.2 | 0.31 | 0.52 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 189

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -2.4 | 2.7 | 4.18 | | Y | R | 1.1 | 0.86 | 1.5 | | Y | R | 0.56 | 1.7 | 1.5 | | Y | R | 0.11 | 0.75 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 27 | | 27 | < | Y | | -8.7 | 19 | 32 | | Y | | 8.9 | 21 | 37 | | Y | | 9.2 | 18 | 30 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.4 | | 3.4 | < | Y | | 0.55 | 2.5 | 3.8 | | Y | | 0.86 | 2.4 | 4.2 | | Y | | 0.31 | 1.8 | 3.3 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | Y | | -7.9 | 13 | 12 | | Y | | 18 | 11 | 12 | | Y | | -5.6 | 11 | 10 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.757 | 0.18 | 0.001 | | Y | J | 0.48 | 0.009 | 0.001 | | Y | J | 0.48 | 0.008 | 0.001 | | Y | J | 1.4 | 0.04 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.21 | 0.02 | | | Y | J | 0.22 | 0.01 | | | Y | J | 0.16 | 0.03 | | | Y | J | 0.19 | 0.03 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.5 | | 4.5 | < | Y | | 5.2 | 4.9 | 4.7 | | Y | | 2.2 | 5.1 | 4 | | Y | | 8.3 | 4.1 | 3.6 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6 | | 6 | < | Y | | 3.4 | 5.4 | 8.5 | | Y | | 5.9 | 6.1 | 9.7 | | Y | | 2.9 | 4.6 | 7.1 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 7.5 | | 7.5 | < | Y | | 7.7 | 6.2 | 11 | | Y | | 7.2 | 9.9 | 17 | | Y | | 2.1 | 6.6 | 12 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | UJ | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | UJ | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | UJ | 2 | | 10 | JB | Y | | 1 | | 10 | JB | Y | R | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | UJ | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 189

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | UJ | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 64 | | 10 | J | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 19 | | 10 | JB | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Tetrachloroethene | 5 | | 10 | J | Y | | 5 | | 10 | J | Y | | 2 | | 10 | J | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 5 | | 10 | J | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 220 | | 5 | | Y | | 240 | | 5 | | Y | | 230 | | 5 | | Y | | 180 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | 6.2 | | 5 | | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5.1 | | 5 | | Y | | 12 | | 5 | | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.81 | | 0.2 | | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 1400 | | 5 | | Y | | 1200 | | 5 | | Y | | 930 | | 5 | | Y | | 490 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 45 | | 2 | | Y | | 33 | | 2 | | Y | J | 36 | | 2 | | Y | | 33 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 189 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 22.9 | | 1 | | N | | 9.5 | | 1 | | Y | J | 19 | | 1 | | Y | J | 18.7 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | 316 | | 0.1 | | N | | 191 | | 0.1 | | Y | J | 497 | | 0.1 | | Y | J | 494 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.18 | | 0.1 | | Y | J | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 60 | | 10 | | N | | 16.9 | | 10 | | Y | J | 11 | | 10 | | Y | J | 19.8 | | 10 | | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.57 | | 0.1 | | N | | 0.49 | | 0.1 | | Y | | 0.5 | | 0.1 | | Y | | 0.55 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | Y | U | UG/L |
| Metals ICP | Aluminum | 0.11 | | 0.04 | | N | | 0.12 | | 0.04 | | Y | | 0.13 | | 0.04 | | Y | J | 0.14 | | 0.04 | | Y | J | MG/L |
| Metals ICP | Barium | 1.16 | | 0.0008 | | N | | 1.1 | | 0.0008 | | Y | | 2.32 | | 0.0008 | | Y | | 2.49 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.438 | | 0.006 | | N | | 0.149 | | 0.006 | | Y | J | 0.117 | | 0.006 | | Y | J | 0.146 | | 0.006 | | Y | J | MG/L |
| Metals ICP | Cadmium | 0.036 | | 0.004 | | N | | 0.038 | | 0.004 | | Y | J | 0.085 | | 0.004 | | Y | | 0.084 | | 0.004 | | Y | | MG/L |
| Metals ICP | Calcium | 333 | | 0.2 | | N | | 271 | | 0.2 | | Y | | 450 | | 0.2 | | Y | J | 500 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | 0.005 | | 0.002 | | N | | 0.005 | | 0.002 | | Y | | 0.01 | | 0.002 | | Y | | 0.0135 | | 0.002 | | Y | J | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.07 | | 0.06 | | Y | J | 0.07 | | 0.06 | | Y | J | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | 43 | | 0.04 | | N | | 33.3 | | 0.04 | | Y | | 59.6 | | 0.04 | | Y | | 65 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | 4.54 | | 0.002 | | N | | 5.14 | | 0.002 | | Y | J | 11.3 | | 0.002 | | Y | J | 12.4 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.048 | | 0.008 | | N | | 0.047 | | 0.008 | | Y | | 0.095 | | 0.008 | | Y | J | 0.111 | | 0.008 | | Y | J | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 5.7 | | 0.6 | | N | | 3.9 | | 0.6 | | Y | | 5 | | 0.6 | | Y | | 5.1 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Sodium | 27.2 | | 0.04 | | N | | 22 | | 0.04 | | Y | | 40 | | 0.04 | | Y | | 41.5 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.938 | | 0.001 | | N | | 0.773 | | 0.001 | | Y | | 1.31 | | 0.001 | | Y | | 1.45 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | 0.02 | | 0.01 | | N | | 0.02 | | 0.01 | | Y | | 0.02 | | 0.01 | | Y | J | 0.02 | | 0.01 | | Y | J | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | 0.09 | | 0.04 | | N | | 0.08 | | 0.04 | | Y | | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | Y | J | MG/L |
| Metals ICP Diss | Barium | 1.22 | | 0.0008 | | N | | 1.16 | | 0.0008 | | Y | | 2.42 | | 0.0008 | | Y | | 2.55 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.453 | | 0.006 | | N | | 0.152 | | 0.006 | | Y | J | 0.119 | | 0.006 | | Y | J | 0.15 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.037 | | 0.004 | | N | | 0.038 | | 0.004 | | Y | J | 0.084 | | 0.004 | | Y | | 0.085 | | 0.004 | | Y | J | MG/L |
| Metals ICP Diss | Calcium | 341 | | 0.2 | | N | | 271 | | 0.2 | | Y | | 466 | | 0.2 | | Y | | 507 | | 0.2 | | Y | J | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.005 | | 0.002 | | N | | 0.005 | | 0.002 | | Y | | 0.01 | | 0.002 | | Y | | 0.014 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | J | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 45 | | 0.04 | | N | | 34.5 | | 0.04 | | Y | | 60.7 | | 0.04 | | Y | | 66.1 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | 4.71 | | 0.002 | | N | | 5.15 | | 0.002 | | Y | | 11.6 | | 0.002 | | Y | J | 12.6 | | 0.002 | | Y | J | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.052 | | 0.008 | | N | | 0.05 | | 0.008 | | Y | | 0.096 | | 0.008 | | Y | | 0.112 | | 0.008 | | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 6 | | 0.6 | | N | | 4.2 | | 0.6 | | Y | | 5.3 | | 0.6 | | Y | | 5.1 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 28.5 | | 0.04 | | N | | 22.5 | | 0.04 | | Y | | 41.2 | | 0.04 | | Y | | 42 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.985 | | 0.001 | | N | | 0.772 | | 0.001 | | Y | | 1.36 | | 0.001 | | Y | | 1.48 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.02 | | 0.01 | | N | | 0.02 | | 0.01 | | Y | J | 0.02 | | 0.01 | | Y | J | 0.0259 | | 0.01 | | Y | J | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 810 | 100 | 19.4 | | N | | 370 | 53 | 17 | | Y | J | 180 | 34 | 15 | | Y | J | 411 | 59 | 24 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | 7.7 | | 7.7 | < | N | | 0.33 | 4.6 | 7.9 | | Y | | 1.5 | 4.5 | 7.8 | | Y | | -3 | 5.4 | 8.9 | | Y | | PCI/L |
| Radionuclides | Beta Activity | 820 | 88 | 12.4 | | N | | 730 | 79 | 14 | | Y | J | 1400 | 150 | 19 | | Y | J | 1208 | 131 | 23 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | 36 | | 36 | < | N | | 19 | 22 | 40 | | Y | | 22 | 25 | 44 | | Y | | 12 | 28 | 49 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | N | | -11 | 12 | 20 | | Y | | -9.4 | 11 | 18 | | Y | | 2.2 | 13 | 22 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | N | | -4.1 | 1.9 | 2.9 | | Y | | -3.4 | 2 | 3 | | Y | | -0.2 | 2.4 | 3.5 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | 3 | | 3 | < | N | | 0.54 | 1.8 | 3 | | Y | | -0.14 | 1.9 | 3.3 | | Y | | 2.5 | 2.2 | 3.9 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | 32 | | 32 | < | N | | 10 | 25 | 43 | | Y | | 7.4 | 22 | 38 | | Y | | -8.8 | 49 | 83 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | 2.6 | | 2.6 | < | N | | 1.4 | 1.6 | 2.7 | | Y | | 0.1 | 1.4 | 2.4 | | Y | | -1.7 | 1.8 | 2.9 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | N | | 1.4 | 2.2 | 3.9 | | Y | | 3 | 2.4 | 4.3 | | Y | | -1.1 | 3.3 | 5.6 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | 3.6 | | 3.6 | < | N | | 1.5 | 2.1 | 3.3 | | Y | | 1.5 | 2.3 | 4.2 | | Y | | -1.3 | 2.9 | 4.1 | | Y | | PCI/L |
| Radionuclides | Iron-59 | 7.4 | | 7.4 | < | N | | 2.6 | 6 | 9.1 | | Y | | 1.1 | 5.2 | 9.3 | | Y | | 3.2 | 9.8 | 15 | | Y | | PCI/L |
| Radionuclides | Lead-212 | 0.14 | 5.2 | 5.3 | | N | | -3.3 | 5.4 | 5.6 | | Y | | 3.1 | 5.2 | 4.7 | | Y | | 0.97 | 5.5 | 5.2 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | 3 | | 3 | < | N | | 0.58 | 1.8 | 3.1 | | Y | | -0.073 | 2 | 3.5 | | Y | | -0.39 | 2.2 | 3.9 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | N | | 5 | 3 | 5.5 | | Y | | 0.042 | 2.8 | 4.9 | | Y | | 6.7 | 5.9 | 11 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | 52 | | 52 | < | N | | -33 | 41 | 53 | | Y | | 65 | 57 | 36 | | Y | | -2.4 | 51 | 64 | | Y | | PCI/L |
| Radionuclides | Radium-226 | 1.16 | 0.53 | 0.44 | | N | | 0.31 | 0.62 | 0.99 | | Y | R | 1.1 | 0.63 | 0.83 | | Y | R | 0.46 | 0.53 | 0.85 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | 0.4 | 0.52 | 1.09 | | N | | -0.75 | 1.9 | 1.4 | | Y | R | 4.7 | 1.8 | 1.6 | | Y | R | 1.9 | 0.94 | 1.3 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | 27 | | 27 | < | N | | 1.9 | 17 | 29 | | Y | | 9.4 | 17 | 31 | | Y | | 25 | 21 | 37 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | N | | -1.2 | 2.1 | 3 | | Y | | -0.092 | 2.1 | 3.8 | | Y | | -1.6 | 2.1 | 3.6 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | N | | -1.1 | 9.1 | 10 | | Y | | 9.4 | 9.1 | 8.7 | | Y | | 1.2 | 12 | 13 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | 2.58 | 0.24 | 0.001 | | N | | 0.95 | 0.02 | 0.001 | | Y | J | 0.36 | 0.003 | 0.001 | | Y | J | 1.5 | 0.03 | 0.001 | | Y | J | MG/L |
| Radionuclides | Uranium-235 | 0.17 | 0.03 | | | N | | 0.17 | 0.04 | | | Y | J | 0.18 | 0.05 | | | Y | J | 0.2 | 0.02 | | | Y | J | WT |
| Radionuclides | Uranium-235 | 10 | 4.2 | 4.4 | | N | | 2.9 | 4 | 3.5 | | Y | | 2.5 | 4.4 | 3.6 | | Y | | 7.5 | 4.6 | 3.8 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | 6.4 | | 6.4 | < | N | | -0.053 | 4.3 | 6.3 | | Y | | -0.21 | 4.4 | 7.8 | | Y | | 0.97 | 6 | 8.9 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | 7.9 | | 7.9 | < | N | | -2.4 | 5.1 | 8.7 | | Y | | -4.8 | 5.4 | 8.9 | | Y | | -2.4 | 7.8 | 13 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 3 | | 10 | J | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 1 | | 10 | JB | Y | R | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | Y | R | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | 47 | | 10 | | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 7 | | 10 | J | Y | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 2 | | 10 | J | N | | 2 | | 10 | J | Y | | 2 | | 10 | J | Y | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 19 | | 10 | | N | | 15 | | 10 | | Y | | 14 | | 10 | | Y | | 17 | | 10 | | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 1 | | 10 | J | N | | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 170 | | 5 | | N | | 90 | | 5 | | Y | | 79 | | 5 | | Y | | 120 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 10 | | 5 | | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.4 | | 0.2 | | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.32 | | 0.2 | | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 1500 | | 5 | | N | | 1600 | | 5 | | Y | | 3400 | | 5 | | Y | | 2500 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 27 | | 2 | | N | | 16 | | 2 | | Y | | 13 | | 2 | | Y | | 15 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | | | | | | | | | | | | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | | | | | | | 20.1 | | 1 | | Y | J | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | | | | | | | 484 | | 0.1 | | Y | J | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | | | | | | | 0.23 | | 0.1 | | Y | J | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | | | | | | | 21.3 | | 10 | | Y | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | | | | | | | 0.5 | | 0.1 | | Y | J | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | | | | | | | 0.14 | | 0.04 | | Y | J | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | | | | | | | 2.47 | | 0.0008 | | Y | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | | | | | | | 0.146 | | 0.006 | | Y | J | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | | | | | | | 0.083 | | 0.004 | | Y | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | | | | | | | 494 | | 0.2 | | Y | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | | | | | | | 0.013 | | 0.002 | | Y | J | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | | | | | | | 0.07 | | 0.06 | | Y | J | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | | | | | | | 64.7 | | 0.04 | | Y | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | | | | | | | 12.3 | | 0.002 | | Y | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | | | | | | | 0.11 | | 0.008 | | Y | J | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | | | | | | | 5.1 | | 0.6 | | Y | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | | | | | | | 41.3 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | | | | | | | 1.45 | | 0.001 | | Y | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | | | | | | | 0.02 | | 0.01 | | Y | J | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | | | | | | | 0.04 | | 0.04 | < | Y | J | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | | | | | | | 2.58 | | 0.0008 | | Y | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | | | | | | | 0.15 | | 0.006 | | Y | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | | | | | | | 0.085 | | 0.004 | | Y | J | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | | | | | | | 503 | | 0.2 | | Y | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | | | | | | | 0.014 | | 0.002 | | Y | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | | | | | | | 66.7 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | | | | | | | 12.8 | | 0.002 | | Y | J | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | | | | | | | 0.113 | | 0.008 | | Y | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | | | | | | | 5.1 | | 0.6 | | Y | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | | | | | | | 42.6 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | | | | | | | 1.5 | | 0.001 | | Y | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | | | | | | | 0.01 | | 0.01 | | Y | J | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | | | | | | | 0.02 | | 0.01 | | Y | J | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | | | | | | | 486 | 69 | 24 | | Y | J | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | | | | | | | -1.5 | 4.6 | 7.7 | | Y | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | | | | | | | 1832 | 194 | 24 | | Y | J | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | | | | | | | 24 | 23 | 42 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | | | | | | | -2.5 | 13 | 21 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | | | | | | | -6.1 | 2.1 | 2.9 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | | | | | | | 0.21 | 1.8 | 3 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | | | | | | | -1.4 | 44 | 76 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | | | | | | | 0.85 | 1.7 | 2.9 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | | | | | | | -0.17 | 2.7 | 4.7 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | | | | | | | 1.1 | 2.3 | 3.5 | | Y | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | | | | | | | -5.3 | 8.6 | 12 | | Y | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | | | | | | | 0.25 | 4.6 | 5.2 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | | | | | | | -1.4 | 1.9 | 3.2 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | | | | | | | 7.3 | 4.8 | 8.8 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | | | | | | | -3.3 | 45 | 54 | | Y | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | | | | | | | 0.088 | 0.5 | 1 | | Y | R | PCI/L |
| Radionuclides | Radium-228 | | | | | | | | | | | | | | | | | | | 3 | 1.3 | 1.5 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | | | | | | | 7.4 | 18 | 30 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | | | | | | | 2.3 | 1.9 | 3.3 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | | | | | | | 0.78 | 9.8 | 11 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | | | | | | | 1.5 | 0.02 | 0.001 | | Y | J | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 0.21 | 0.008 | | | Y | J | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | | | | | | | 10 | 4.3 | 3.6 | | N | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | | | | | | | -2.3 | 5.3 | 7.5 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | | | | | | | 2.3 | 6.4 | 11 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 25 | U | Y | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190 Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | | Y | U | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | | Y | U | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| | | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190 Duplicate

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 3 | | 10 | J | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 18 | | 10 | | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | | | | | | | 120 | | 5 | | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | | | | | | | 0.32 | | 0.2 | | Y | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | | | | | | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | | | | | | | 2700 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | | | | | | | 3.1 | | 2 | | Y | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | | | | | | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Outfall 190 Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

**Station ID:** Outfall 190 Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | | | | | | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 28.5 | | 1 | | Y | J | 20 | | 1 | | Y | J | 34.5 | | 1 | | Y | J | 11.9 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 84 | | 0.1 | | Y | J | 72.2 | | 0.1 | | Y | J | 62.6 | | 0.1 | | Y | J | 49.8 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 61.7 | | 10 | | Y | J | 38.5 | | 10 | | Y | J | 362 | | 10 | | Y | J | 38.6 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.59 | | 0.1 | | Y | | 0.52 | | 0.1 | | Y | | 1.9 | | 0.1 | | Y | | 0.35 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.42 | | 0.2 | | Y | | 0.46 | | 0.2 | | Y | | 0.3 | | 0.2 | | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 5 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.41 | | 0.2 | | Y | | 0.3 | | 0.2 | | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 5 | | 2 | < | Y | J | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | 0.05 | | 0.04 | | Y | J | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP | Barium | 0.19 | | 0.0008 | | Y | | 0.185 | | 0.0008 | | Y | | 0.126 | | 0.0008 | | Y | | 0.138 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.289 | | 0.006 | | Y | | 0.187 | | 0.006 | | Y | J | 2.17 | | 0.006 | | Y | | 0.19 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.007 | | 0.004 | | Y | | 0.006 | | 0.004 | | Y | J | 0.004 | | 0.004 | < | Y | | 0.018 | | 0.004 | | N | | MG/L |
| Metals ICP | Calcium | 166 | | 0.2 | | Y | | 167 | | 0.2 | | Y | | 138 | | 0.2 | | Y | J | 122 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | 0.08 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.13 | | 0.02 | | Y | | 0.08 | | 0.02 | | Y | | 0.58 | | 0.02 | | Y | | 0.06 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 22.9 | | 0.04 | | Y | | 22.4 | | 0.04 | | Y | | 22.7 | | 0.04 | | Y | | 16.9 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.439 | | 0.002 | | Y | | 0.38 | | 0.002 | | Y | J | 0.292 | | 0.002 | | Y | J | 0.559 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.011 | | 0.006 | | Y | | 0.006 | | 0.006 | < | Y | | 0.012 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | | Y | | 0.008 | | 0.008 | | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 3.5 | | 0.6 | | Y | | 3.2 | | 0.6 | | Y | | 6.8 | | 0.6 | | Y | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 17.8 | | 0.04 | | Y | | 14.5 | | 0.04 | | Y | | 163 | | 0.04 | | Y | | 11.8 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.496 | | 0.001 | | Y | | 0.484 | | 0.001 | | Y | | 0.419 | | 0.001 | | Y | | 0.322 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.06 | | 0.01 | | Y | | 0.05 | | 0.01 | | Y | J | 0.06 | | 0.01 | | Y | J | 0.04 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | | Y | J | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.187 | | 0.0008 | | Y | J | 0.192 | | 0.0008 | | Y | | 0.128 | | 0.0008 | | Y | | 0.139 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.288 | | 0.006 | | Y | | 0.187 | | 0.006 | | Y | | 2.16 | | 0.006 | | Y | | 0.19 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.006 | | 0.004 | | Y | J | 0.006 | | 0.004 | | Y | J | 0.004 | | 0.004 | < | Y | | 0.018 | | 0.004 | | N | | MG/L |
| Metals ICP Diss | Calcium | 163 | | 0.2 | | Y | J | 168 | | 0.2 | | Y | | 143 | | 0.2 | | Y | J | 120 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | UJ | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | J | 0.06 | | 0.06 | < | Y | J | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.13 | | 0.02 | | Y | | 0.08 | | 0.02 | | Y | | 0.58 | | 0.02 | | Y | | 0.06 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 22.9 | | 0.04 | | Y | J | 22.9 | | 0.04 | | Y | | 22.9 | | 0.04 | | Y | | 17 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.433 | | 0.002 | | Y | J | 0.381 | | 0.002 | | Y | | 0.295 | | 0.002 | | Y | J | 0.567 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.012 | | 0.006 | | Y | | 0.006 | | 0.006 | | Y | | 0.012 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.009 | | 0.008 | | Y | J | 0.009 | | 0.008 | | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 3.4 | | 0.6 | | Y | | 3.4 | | 0.6 | | Y | | 7.3 | | 0.6 | | Y | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 17.7 | | 0.04 | | Y | | 14.7 | | 0.04 | | Y | | 163 | | 0.04 | | Y | | 11.9 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.49 | | 0.001 | | Y | | 0.49 | | 0.001 | | Y | | 0.427 | | 0.001 | | Y | | 0.326 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.0537 | | 0.01 | | Y | J | 0.05 | | 0.01 | | Y | J | 0.06 | | 0.01 | | Y | J | 0.04 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 230 | 39 | 17.7 | | Y | J | 130 | 26 | 15 | | Y | J | 73 | 21 | 15 | | Y | J | 140 | 23 | 12 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 7.6 | | 7.6 | < | Y | | -1.9 | 4.9 | 8.4 | | Y | | 1 | 5.5 | 9.4 | | Y | | -1.3 | 5.9 | 9.9 | | N | | PCI/L |
| Radionuclides | Beta Activity | 240 | 30 | 12 | | Y | J | 190 | 25 | 13 | | Y | J | 210 | 31 | 19 | | Y | J | 100 | 18 | 16 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | Y | | 1.9 | 27 | 45 | | Y | | -0.65 | 30 | 51 | | Y | | 37 | 30 | 56 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 16 | | 16 | < | Y | | -0.59 | 11 | 19 | | Y | | -8.1 | 12 | 21 | | Y | | -8 | 13 | 21 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | Y | | -3.9 | 2.2 | 3.4 | | Y | | -0.54 | 2.5 | 3.6 | | Y | | -0.68 | 2.7 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | Y | | 0.69 | 2.1 | 3.6 | | Y | | 4.2 | 3 | 3.6 | | Y | | 2.9 | 2.4 | 4.5 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 37 | | 37 | < | Y | | -8.1 | 26 | 42 | | Y | | -36 | 83 | 140 | | Y | | 6.2 | 52 | 90 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.1 | | 2.1 | < | Y | | -0.002 | 1.4 | 2.4 | | Y | | 0.87 | 1.6 | 2.8 | | Y | | 0.26 | 1.7 | 2.8 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.3 | | 3.3 | < | Y | | -1.2 | 2.5 | 4.3 | | Y | | 1.4 | 4.2 | 7.5 | | Y | | 0.29 | 3.5 | 6.2 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 4.2 | | 4.2 | < | Y | | -0.32 | 2.3 | 4 | | Y | | 6.8 | 3.6 | 4.8 | | Y | | 3.3 | 2.7 | 4.9 | | N | | PCI/L |
| Radionuclides | Iron-59 | 9 | | 9 | < | Y | | 8.5 | 6.5 | 12 | | Y | | 0.51 | 13 | 22 | | Y | | 3.1 | 10 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 2.4 | 6.2 | 5.3 | | Y | | 2 | 5.4 | 4.9 | | Y | | 6.9 | 4.9 | 6.7 | | Y | | 5.1 | 6.4 | 5.5 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.5 | | 3.5 | < | Y | | 0.029 | 2.1 | 3.7 | | Y | | -1.6 | 2.6 | 4.4 | | Y | | 0.26 | 2.5 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.6 | | 4.6 | < | Y | | 4.6 | 3.3 | 6 | | Y | | 4 | 8.6 | 15 | | Y | | 2.3 | 5.7 | 10 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 23 | 46 | 54 | | Y | | 13 | 51 | 35 | | Y | | 27 | 63 | 42 | | Y | | 34 | 70 | 54 | | N | | PCI/L |
| Radionuclides | Radium-226 | -0.12 | 0.28 | 0.78 | | Y | R | -0.18 | 0.38 | 1.1 | | Y | R | -0.39 | 0.28 | 0.94 | | Y | R | 0.096 | 0.3 | 0.57 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | -0.73 | 0.82 | 1.42 | | Y | R | -0.086 | 0.9 | 1.6 | | Y | R | 0.68 | 1.4 | 1.5 | | Y | R | 0.91 | 2.8 | 1.6 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | Y | | -10 | 19 | 31 | | Y | | -12 | 23 | 37 | | Y | | -4.1 | 23 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.6 | | 3.6 | < | Y | | -1.4 | 2.4 | 3.9 | | Y | | -0.62 | 2.2 | 3.8 | | Y | | 0.098 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | | 2.8 | 14 | 10 | | Y | | 7.4 | 10 | 14 | | Y | | -1 | 15 | 14 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.451 | 0.11 | 0.001 | | Y | J | 0.26 | 0.002 | 0.001 | | Y | J | 0.16 | 0.002 | 0.001 | | Y | J | 0.67 | 0.95 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.2 | 0.09 | | | Y | J | 0.29 | 0.03 | | | Y | J | 0.31 | 0.006 | | | Y | J | 0.22 | 0.3 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.7 | | 4.7 | < | Y | | 1.8 | 4.5 | 5 | | Y | | 3 | 4.6 | 3.8 | | Y | | 5.2 | 4.9 | 3.8 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.3 | | 7.3 | < | Y | | -2.3 | 4.9 | 8.2 | | Y | | -1.5 | 6.1 | 11 | | Y | | -4 | 5.8 | 9.4 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.4 | | 8.4 | < | Y | | 0.19 | 5.6 | 9.4 | | Y | | 1.4 | 10 | 18 | | Y | | -7 | 8.5 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 1 | | 10 | JB | Y | R | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 9 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 3 | | 10 | J | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 6 | | 10 | J | Y | | 7 | | 10 | J | Y | | 3 | | 10 | J | Y | | 22 | | 10 | | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 2 | | 10 | J | Y | | 2 | | 10 | J | Y | | 10 | | 10 | U | Y | | 13 | | 10 | | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 200 | | 5 | | Y | | 120 | | 5 | | Y | | 180 | | 5 | | Y | | 170 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5.5 | | 5 | | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.63 | | 0.2 | | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 1100 | | 5 | | Y | | 970 | | 5 | | Y | | 950 | | 5 | | Y | | 570 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 32 | | 2 | | Y | | 32 | | 2 | | Y | | 24 | | 2 | | Y | | 34 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | | | | | | | 1 | | 1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | 11.4 | | 1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | 69.3 | | 0.1 | | Y | J | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | 35.8 | | 10 | | Y | J | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.52 | | 0.1 | | Y | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.46 | | 0.2 | | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 5 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | 5 | | 5 | < | Y | U | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | 0.41 | | 0.2 | | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | 10 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.05 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.185 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.185 | | 0.006 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.006 | | 0.004 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 166 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.08 | | 0.02 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 22.2 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.38 | | 0.002 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 3.4 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 14.4 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.481 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.05 | | 0.01 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | 0.192 | | 0.0008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | 0.189 | | 0.006 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | 0.006 | | 0.004 | | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | 167 | | 0.2 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | 0.06 | | 0.06 | < | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | 0.08 | | 0.02 | | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | | | | | | | 22.6 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | 0.383 | | 0.002 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | 0.006 | | 0.006 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | 0.008 | | 0.008 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | 3.4 | | 0.6 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | 14.6 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | 0.486 | | 0.001 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | 0.05 | | 0.01 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | Y | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 150 | 28 | 16 | | Y | J | | | | | | | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | 1.6 | 5.6 | 9.5 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 220 | 29 | 13 | | Y | J | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 7.9 | 27 | 47 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 2.7 | 14 | 23 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | 0.052 | 2.4 | 3.6 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 0.46 | 2.1 | 3.7 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | -6.9 | 26 | 44 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | -0.72 | 1.8 | 3 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | -1.1 | 2.5 | 4.2 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | -0.14 | 2.2 | 3.9 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | -2.4 | 5.4 | 9.3 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | -1.9 | 5.7 | 6.1 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | -2.6 | 2.2 | 3.6 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | -0.88 | 3.3 | 5.5 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 46 | 65 | 35 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | -0.33 | 0.55 | 1.2 | | Y | R | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHSS House Duplicate

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | | | | | | | 0.82 | 7.2 | 2.2 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | 3.2 | 20 | 35 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | 0.36 | 2.3 | 4 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 9.1 | 12 | 10 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.26 | 0.03 | 0.001 | | Y | J | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | 0.23 | 0.13 | | | Y | J | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | 0.27 | 4.6 | 4.6 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | -3.2 | 4.9 | 8.3 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | 3.7 | 6 | 10 | | Y | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 25 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 2 | | 10 | J | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 7 | | 10 | J | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 2 | | 10 | J | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | Y | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 200 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5.8 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 980 | | 5 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 5.2 | | 2 | | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 11 | | 10 | JB | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: 9422-16 SWHISS House Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 21 | | 10 | J | Y | U | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | Y | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 2, AM | | | | | | Event 2, Part 2, AM | | | | | | Event 3, Part 2, AM | | | | | | Event 4, Part 2, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 17.5 | | 1 | | Y | J | 8.56 | | 1 | | Y | J | 11.3 | | 1 | | Y | J | 11.6 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 10.7 | | 0.1 | | Y | J | 7.45 | | 0.1 | | Y | J | 7.16 | | 0.1 | | Y | J | 7.92 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.14 | | 0.1 | | Y | J | 0.1 | | 0.1 | | Y | J | 0.11 | | 0.1 | | Y | | 0.11 | | 0.1 | | N | | MG/L |
| Anions by IC | Sulfate | 53.5 | | 10 | | Y | J | 37.3 | | 10 | | Y | J | 39.5 | | 10 | | Y | J | 57.3 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.82 | | 0.1 | | Y | | 0.78 | | 0.1 | | Y | | 0.99 | | 0.1 | | Y | J | 0.8 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 1.9 | | 0.2 | | Y | | 1.7 | | 0.2 | | Y | | 2 | | 0.2 | | Y | | 1.9 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 5 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 1.6 | | 0.2 | | Y | | 1.6 | | 0.2 | | Y | | 1.9 | | 0.2 | | Y | | 1.9 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 5 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.07 | | 0.04 | | Y | | 0.09 | | 0.04 | | Y | | 0.06 | | 0.04 | | Y | | 0.09 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0578 | | 0.0008 | | Y | | 0.0563 | | 0.0008 | | Y | | 0.0543 | | 0.0008 | | Y | | 0.0558 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.058 | | 0.006 | | Y | | 0.034 | | 0.006 | | Y | J | 0.095 | | 0.006 | | Y | J | 0.049 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 54.6 | | 0.2 | | Y | | 51.8 | | 0.2 | | Y | | 49.4 | | 0.2 | | Y | | 59.6 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | 0.08 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.03 | | 0.02 | | Y | | 0.02 | | 0.02 | | Y | | 0.05 | | 0.02 | | Y | | 0.04 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 11 | | 0.04 | | Y | | 11.3 | | 0.04 | | Y | | 11.2 | | 0.04 | | Y | | 11.5 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.047 | | 0.002 | | Y | | 0.042 | | 0.002 | | Y | J | 0.04 | | 0.002 | | Y | | 0.09 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 2 | | 0.6 | | Y | | 1.8 | | 0.6 | | Y | | 2.1 | | 0.6 | | Y | | 2.2 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 8.77 | | 0.04 | | Y | | 7.93 | | 0.04 | | Y | | 10.3 | | 0.04 | | Y | | 12.9 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.145 | | 0.001 | | Y | | 0.134 | | 0.001 | | Y | | 0.126 | | 0.001 | | Y | | 0.151 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | Y | | 0.09 | | 0.01 | | Y | | 0.08 | | 0.01 | | Y | | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.06 | | 0.04 | | Y | J | 0.06 | | 0.04 | | Y | | 0.16 | | 0.04 | | Y | J | 0.07 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0578 | | 0.0008 | | Y | | 0.0574 | | 0.0008 | | Y | | 0.0554 | | 0.0008 | | Y | | 0.0567 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.057 | | 0.006 | | Y | | 0.034 | | 0.006 | | Y | | 0.098 | | 0.006 | | Y | J | 0.05 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 55 | | 0.2 | | Y | | 53.2 | | 0.2 | | Y | | 49.6 | | 0.2 | | Y | | 58.8 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.03 | | 0.02 | | Y | | 0.02 | | 0.02 | | Y | | 0.05 | | 0.02 | | Y | | 0.04 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| | | Event 1, Part 2, AM | | | | | | Event 2, Part 2, AM | | | | | | Event 3, Part 2, AM | | | | | | Event 4, Part 2, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 11.1 | | 0.04 | | Y | | 11.5 | | 0.04 | | Y | | 11.3 | | 0.04 | | Y | | 11.7 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.045 | | 0.002 | | Y | | 0.039 | | 0.002 | | Y | | 0.035 | | 0.002 | | Y | | 0.086 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 1.7 | | 0.6 | | Y | | 1.9 | | 0.6 | | Y | | 1.9 | | 0.6 | | Y | | 2.1 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 8.92 | | 0.04 | | Y | | 8.18 | | 0.04 | | Y | | 10.5 | | 0.04 | | Y | | 12.1 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.145 | | 0.001 | | Y | | 0.139 | | 0.001 | | Y | | 0.129 | | 0.001 | | Y | | 0.154 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.08 | | 0.01 | | Y | | 0.09 | | 0.01 | | Y | J | 0.08 | | 0.01 | | Y | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 22 | 12 | 15.2 | | Y | J | 13 | 9.3 | 13 | | Y | J | 1.5 | 3.9 | 7.2 | | Y | R | 15 | 7 | 6.6 | | N | | PCi/L |
| Radionuclides | Antimony-125 | 6.9 | | 6.9 | < | Y | | 2.6 | 4.6 | 7.9 | | Y | | -1.4 | 4.5 | 7.7 | | Y | | -1.5 | 5.9 | 9.7 | | N | | PCi/L |
| Radionuclides | Beta Activity | 23 | 8.4 | 11.2 | | Y | J | 21 | 8.6 | 12 | | Y | J | 16 | 8.6 | 13 | | Y | J | 28 | 11 | 14 | | N | | PCi/L |
| Radionuclides | Bismuth-212 | 37 | | 37 | < | Y | | 27 | 22 | 40 | | Y | | 33 | 24 | 45 | | Y | | 9.4 | 47 | 45 | | N | | PCi/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | Y | | 0.02 | 12 | 20 | | Y | | 1.6 | 9 | 16 | | Y | | -5.7 | 16 | 25 | | N | | PCi/L |
| Radionuclides | Cesium-134 | 2.9 | | 2.9 | < | Y | | -6.8 | 2.1 | 2.8 | | Y | | -1.8 | 1.8 | 2.9 | | Y | | -1.9 | 2.2 | 3.6 | | N | | PCi/L |
| Radionuclides | Cesium-137 | 3 | | 3 | < | Y | | 2.5 | 1.7 | 3 | | Y | | 4.8 | 3.6 | 3 | | Y | | 1.3 | 2.2 | 3.8 | | N | | PCi/L |
| Radionuclides | Chromium-51 | 39 | | 39 | < | Y | | 0.65 | 23 | 39 | | Y | | -19 | 31 | 49 | | Y | | -20 | 51 | 85 | | N | | PCi/L |
| Radionuclides | Cobalt-57 | 2.5 | | 2.5 | < | Y | | -0.55 | 1.5 | 2.5 | | Y | | 0.24 | 1.1 | 2 | | Y | | 0.081 | 2 | 3.4 | | N | | PCi/L |
| Radionuclides | Cobalt-58 | 3.5 | | 3.5 | < | Y | | 0.28 | 2 | 3.4 | | Y | | -0.83 | 2.4 | 4.2 | | Y | | 1.4 | 3.2 | 5.6 | | N | | PCi/L |
| Radionuclides | Cobalt-60 | 3.3 | | 3.3 | < | Y | | 2.7 | 1.9 | 3.6 | | Y | | 5.2 | 2.4 | 4.2 | | Y | | 2.6 | 2.3 | 4.3 | | N | | PCi/L |
| Radionuclides | Iron-59 | 8.2 | | 8.2 | < | Y | | 2.6 | 4.7 | 8.3 | | Y | | 5.7 | 6.7 | 11 | | Y | | -4.7 | 8.2 | 14 | | N | | PCi/L |
| Radionuclides | Lead-212 | 1.5 | 5.1 | 5.3 | | Y | | 0.9 | 5.2 | 4.7 | | Y | | -2.4 | 5.4 | 5.7 | | Y | | 9.8 | 6.2 | 5.4 | | N | | PCi/L |
| Radionuclides | Manganese-54 | 3 | | 3 | < | Y | | 0.13 | 1.8 | 3.1 | | Y | | 1.1 | 2 | 3.5 | | Y | | -0.088 | 2.4 | 4 | | N | | PCi/L |
| Radionuclides | Niobium-95 | 4.6 | | 4.6 | < | Y | | 2 | 2.6 | 4.6 | | Y | | -1.9 | 3.5 | 6 | | Y | | -0.89 | 5.2 | 8.8 | | N | | PCi/L |
| Radionuclides | Potassium-40 | 23 | 43 | 54 | | Y | | -16 | 53 | 54 | | Y | | -35 | 49 | 61 | | Y | | 57 | 63 | 28 | | N | | PCi/L |
| Radionuclides | Radium-226 | 0.019 | 0.44 | 0.83 | | Y | R | -0.17 | 0.36 | 1 | | Y | R | -0.091 | 0.37 | 0.74 | | Y | R | -0.032 | 0.2 | 0.67 | | N | | PCi/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 2, AM | | | | | | Event 2, Part 2, AM | | | | | | Event 3, Part 2, AM | | | | | | Event 4, Part 2, AM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | -0.9 | 0.84 | 1.62 | | Y | R | 0.082 | 0.29 | 1.7 | | Y | R | 0.75 | 1.9 | 1.4 | | Y | R | 0.65 | 0.74 | 1.2 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 27 | | 27 | < | Y | | 0.2 | 17 | 29 | | Y | | -1 | 17 | 29 | | Y | | -8 | 21 | 35 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3 | | 3 | < | Y | | -0.73 | 1.7 | 2.9 | | Y | | -1.1 | 2.1 | 3.6 | | Y | | 1.8 | 2.1 | 3.8 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 10 | | 10 | < | Y | | -0.34 | 9.7 | 10 | | Y | | -0.78 | 9.4 | 11 | | Y | | 8.3 | 11 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.037 | 0.002 | 0.001 | | Y | J | 0.028 | 0.005 | 0.001 | | Y | J | 0.014 | 0 | 0.001 | | N | | 0.057 | 0 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.36 | 0.02 | | | Y | J | 0.3 | 0.17 | | | Y | J | 0.33 | 0.001 | | | Y | J | 0.25 | 0.01 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.3 | | 4.3 | < | Y | | 3.5 | 4.1 | 4.5 | | Y | | -3.6 | 4.2 | 4.3 | | Y | | 0.25 | 4.7 | 4.9 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 6.2 | | 6.2 | < | Y | | -1.1 | 4 | 6.7 | | Y | | 0.85 | 5.2 | 7.8 | | Y | | 3.2 | 5 | 9 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8 | | 8 | < | Y | | -4.3 | 4.8 | 7.9 | | Y | | -2.1 | 5.7 | 9.9 | | Y | | 4.3 | 8.9 | 13 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| | | Event 1, Part 2, AM | | | | | | Event 2, Part 2, AM | | | | | | Event 3, Part 2, AM | | | | | | Event 4, Part 2, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 4 | | 10 | J | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | JB | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | JB | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 8 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | R | 2 | | 10 | J | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 4 | | 10 | J | Y | | 4 | | 10 | J | Y | | 3 | | 10 | J | Y | | 4 | | 10 | J | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 4 | | 10 | J | Y | | 3 | | 10 | J | Y | | 3 | | 10 | J | Y | | 7 | | 10 | J | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | Y | | 110 | | 5 | | Y | | 110 | | 5 | | Y | | 100 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | Y | | 2.9 | | 2 | | Y | | 2 | | 2 | < | Y | UJ | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 270 | | 5 | | Y | | 270 | | 5 | | Y | | 150 | | 5 | | Y | | 410 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 20 | | 2 | | Y | | 17 | | 2 | | Y | | 19 | | 2 | | Y | J | 8.1 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 2, PM | | | | | | Event 2, Part 2, PM | | | | | | Event 3, Part 2, PM | | | | | | Event 4, Part 2, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 17.2 | | 1 | | N | | 24.9 | | 1 | | N | | 123 | | 1 | | N | | 40.5 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 5.9 | | 0.1 | | N | | 6.78 | | 0.1 | | N | | 5.64 | | 0.1 | | N | | 7.4 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.18 | | 0.1 | | N | | 0.11 | | 0.1 | | N | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 262 | | 10 | | N | | 158 | | 10 | | N | | 217 | | 10 | | N | | 181 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.78 | | 0.1 | | N | | 1.5 | | 0.1 | | N | | 1.4 | | 0.1 | | N | | 0.99 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 1.5 | | 0.2 | | N | | 1.4 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.8 | | 0.2 | | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 1.2 | | 0.2 | | N | | 1.3 | | 0.2 | | N | | 1.2 | | 0.2 | | N | | 1.7 | | 0.2 | | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.25 | | 0.04 | | N | | 0.1 | | 0.04 | | N | | 0.07 | | 0.04 | | N | | 0.22 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.0594 | | 0.0008 | | N | | 0.0603 | | 0.0008 | | N | | 0.0579 | | 0.0008 | | N | | 0.0591 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.049 | | 0.006 | | N | | 0.033 | | 0.006 | | N | | 0.255 | | 0.006 | | N | | 0.038 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 148 | | 0.2 | | N | | 119 | | 0.2 | | N | | 107 | | 0.2 | | N | | 109 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | | N | | 0.08 | | 0.06 | | N | | 0.12 | | 0.06 | | N | | 0.09 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.05 | | 0.02 | | N | | 0.06 | | 0.02 | | N | | 0.24 | | 0.02 | | N | | 0.07 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 10 | | 0.04 | | N | | 12.1 | | 0.04 | | N | | 11.4 | | 0.04 | | N | | 10.4 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.04 | | 0.002 | | N | | 0.037 | | 0.002 | | N | | 0.038 | | 0.002 | | N | | 0.088 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 2.2 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | 2.9 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 28.3 | | 0.04 | | N | | 45.8 | | 0.04 | | N | | 78.6 | | 0.04 | | N | | 36.8 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.194 | | 0.001 | | N | | 0.198 | | 0.001 | | N | | 0.185 | | 0.001 | | N | | 0.183 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.06 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.13 | | 0.04 | | N | | 0.09 | | 0.04 | | N | | 0.06 | | 0.04 | | N | | 0.12 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Barium | 0.0615 | | 0.0008 | | N | | 0.0612 | | 0.0008 | | N | | 0.0564 | | 0.0008 | | N | | 0.0587 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.049 | | 0.006 | | N | | 0.033 | | 0.006 | | N | | 0.257 | | 0.006 | | N | | 0.04 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 151 | | 0.2 | | N | | 117 | | 0.2 | | N | | 107 | | 0.2 | | N | | 109 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.09 | | 0.06 | | N | | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.05 | | 0.02 | | N | | 0.06 | | 0.02 | | N | | 0.24 | | 0.02 | | N | | 0.07 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 2, PM | | | | | | Event 2, Part 2, PM | | | | | | Event 3, Part 2, PM | | | | | | Event 4, Part 2, PM | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | 10.3 | | 0.04 | | N | | 12.2 | | 0.04 | | N | | 11.2 | | 0.04 | | N | | 10.4 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.039 | | 0.002 | | N | | 0.034 | | 0.002 | | N | | 0.034 | | 0.002 | | N | | 0.085 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 2.3 | | 0.6 | | N | | 2.9 | | 0.6 | | N | | 2.4 | | 0.6 | | N | | 2.5 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 29.4 | | 0.04 | | N | | 45.6 | | 0.04 | | N | | 79.1 | | 0.04 | | N | | 36.8 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.201 | | 0.001 | | N | | 0.199 | | 0.001 | | N | | 0.184 | | 0.001 | | N | | 0.183 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.07 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.08 | | 0.01 | | N | | 0.05 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | N | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | N | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 6.1 | 11 | 18.2 | | N | | 11 | 12 | 19 | | N | | 6.6 | 5.2 | 6.5 | | N | | 18 | 10 | 14 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.4 | | 8.4 | < | N | | -2.3 | 5.1 | 8.7 | | N | | 2 | 5.7 | 9.9 | | N | | 5.2 | 5.6 | 9.9 | | N | | PCI/L |
| Radionuclides | Beta Activity | 13 | 8 | 12.1 | | N | | 0.18 | 8.8 | 15 | | N | | 24 | 11 | 15 | | N | | 15 | 11 | 18 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | N | | 17 | 27 | 46 | | N | | 0.93 | 31 | 51 | | N | | 23 | 30 | 52 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 16 | | 16 | < | N | | -5.5 | 10 | 18 | | N | | 6.3 | 12 | 20 | | N | | 1.5 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 3.1 | | 3.1 | < | N | | -3.8 | 2.2 | 3.3 | | N | | -5.1 | 2.4 | 3.6 | | N | | -4.1 | 2.4 | 3.7 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 4 | 2.7 | 3.2 | | N | | 3.4 | 2.9 | 3.4 | | N | | 1 | 2.3 | 3.9 | | N | | 2.2 | 2.4 | 4.1 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 34 | | 34 | < | N | | 1.3 | 24 | 40 | | N | | 7.8 | 37 | 61 | | N | | -2.9 | 53 | 87 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.1 | | 2.1 | < | N | | 0.2 | 1.4 | 2.3 | | N | | -0.46 | 1.5 | 2.5 | | N | | -1.5 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.6 | | 3.6 | < | N | | -1.1 | 2.6 | 4.5 | | N | | 1.1 | 3.1 | 5.5 | | N | | 0.39 | 3.4 | 5.9 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.8 | 2.1 | 3.8 | | N | | 2.9 | 2.5 | 4.6 | | N | | 2.8 | 2.6 | 4.8 | | N | | 1.8 | 2.5 | 4.5 | | N | | PCI/L |
| Radionuclides | Iron-59 | 8.3 | | 8.3 | < | N | | 7.4 | 6.1 | 11 | | N | | 7.8 | 7.5 | 14 | | N | | 5.1 | 9.6 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 0.29 | 4.8 | 5.3 | | N | | 0.14 | 5.4 | 5 | | N | | 4 | 5.5 | 5.4 | | N | | 1.1 | 5.7 | 5 1 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.3 | | 3.3 | < | N | | -1.2 | 2.2 | 3.7 | | N | | 0.22 | 2.5 | 4.4 | | N | | 0.47 | 2.5 | 4.4 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | N | | 1.4 | 3.1 | 5.6 | | N | | -1.1 | 4.3 | 7.4 | | N | | 0.038 | 5.5 | 9.7 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 18 | 49 | 54 | | N | | 52 | 60 | 42 | | N | | 8 | 51 | 68 | | N | | 21 | 51 | 42 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.11 | 0.22 | 0.41 | | N | | 0.042 | 0.55 | 0.77 | | N | | 0.11 | 0.6 | 0.91 | | N | | -0.23 | 0.35 | 0.81 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| | | Event 1, Part 2, PM | | | | | | Event 2, Part 2, PM | | | | | | Event 3, Part 2, PM | | | | | | Event 4, Part 2, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.29 | 0.6 | 1.06 | | N | | 0.64 | 4.8 | 1.6 | | N | | 0.36 | 1 | 1.8 | | N | | 0.2 | 0.37 | 1.4 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | N | | 4.9 | 20 | 34 | | N | | 3.9 | 22 | 37 | | N | | 0.27 | 23 | 38 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.4 | | 3.4 | < | N | | 0.74 | 2.2 | 3.9 | | N | | -1.2 | 2.5 | 4.1 | | N | | -0.2 | 2.5 | 4.2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 9.4 | 6.3 | 11 | | N | | 14 | 11 | 13 | | N | | 5.6 | 7.2 | 12 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.026 | 0.001 | 0.001 | | N | | 0.017 | 0.001 | 0.001 | | N | | 0.012 | 0 | 0.001 | | N | | 0.059 | 0.084 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.36 | 0.01 | | | N | | 0.33 | 0.01 | | | N | | 0.43 | 0.01 | | | N | | 0.28 | 0.4 | | | N | | WT |
| Radionuclides | Uranium-235 | 4.5 | | 4.5 | < | N | | 0.75 | 4.5 | 3.5 | | N | | 1.4 | 4.4 | 3.7 | | N | | -0.62 | 4.7 | 5.1 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.1 | | 7.1 | < | N | | -0.32 | 5.3 | 9.1 | | N | | 3.5 | 5.2 | 9.4 | | N | | -5.1 | 5.5 | 8.8 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 8.3 | | 8.3 | < | N | | -4.8 | 6 | 9.6 | | N | | 10 | 7.3 | 13 | | N | | -1.7 | 8.4 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 3 | | 10 | J | N | | 10 | | 10 | U | N | | 2 | | 10 | JB | N | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe

| Analysis | Analyte | Event 1, Part 2, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2, PM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 1 | | 10 | J | N | | 7 | | 10 | J | N | | 10 | | 10 | U | N | | 23 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 1 | | 10 | J | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 4 | | 10 | J | N | | 4 | | 10 | J | N | | 3 | | 10 | J | N | | 4 | | 10 | J | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 5 | | 10 | J | N | | 4 | | 10 | J | N | | 2 | | 10 | J | N | | 7 | | 10 | J | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 110 | | 5 | | N | | 100 | | 5 | | N | | 100 | | 5 | | N | | 100 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | N | | 7.8 | | 5 | | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 2200 | | 5 | | N | | 620 | | 5 | | N | | 760 | | 5 | | N | | 500 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 11 | | 2 | | N | | 15 | | 2 | | N | | 16 | | 2 | | N | | 9.4 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anions by IC | Bromide | | | | | | | | | | | | | 1 | | 1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Chloride | | | | | | | | | | | | | 14.3 | | 1 | | Y | J | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | | | | | | | | | | | | | 6.77 | | 0.1 | | Y | J | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | | | | | | | | | | | | | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | | | | | | | | | | | | | 0.11 | | 0.1 | | Y | | | | | | | | MG/L |
| Anions by IC | Sulfate | | | | | | | | | | | | | 39 | | 10 | | Y | J | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | | | | | | | 0.96 | | 0.1 | | Y | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | | | | | | | 1.9 | | 0.2 | | Y | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Lead | | | | | | | | | | | | | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Mercury | | | | | | | | | | | | | 1.7 | | 0.2 | | Y | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | | | | | | | | | | | | | 2 | | 2 | < | Y | U | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | | | | | | | 0.06 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | | | | | | | 0.0527 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | | | | | | | 0.094 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | | | | | | | 49.6 | | 0.2 | | Y | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | | | | | | | 0.04 | | 0.02 | | Y | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | | | | | | | 11.5 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | | | | | | | 0.041 | | 0.002 | | Y | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | | | | | | | 1.9 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | | | | | | | 10.5 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | | | | | | | 0.126 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | | | | | | | 0.09 | | 0.01 | | Y | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | | | | | | | | | | | | | 0.06 | | 0.04 | | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Barium | | | | | | | | | | | | | 0.0532 | | 0.0008 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | | | | | | | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Boron | | | | | | | | | | | | | 0.091 | | 0.006 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | | | | | | | | | | | | | 49.2 | | 0.2 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | | | | | | | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Copper | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Iron | | | | | | | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | | | | | | | | | | | | | 0.04 | | 0.02 | | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | | | | | | | | | | | | | 11.4 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | | | | | | | | | | | | | 0.035 | | 0.002 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | | | | | | | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Potassium | | | | | | | | | | | | | 1.9 | | 0.6 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Silver | | | | | | | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | | | | | | | | | | | | | 10.5 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | | | | | | | | | | | | | 0.127 | | 0.001 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | | | | | | | | | | | | | 0.03 | | 0.05 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | | | | | | | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | | | | | | | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | | | | | | | | | | | | | 0.08 | | 0.01 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | | | | | | | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | | | | | | | 4.6 | 4.7 | 7.2 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | | | | | | | 0.093 | 4.8 | 8.1 | | Y | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | | | | | | | 19 | 9 | 13 | | Y | J | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | | | | | | | 34 | 25 | 46 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | | | | | | | 4.3 | 10 | 18 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | | | | | | | -2 | 2 | 3.1 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | | | | | | | 2.2 | 2 | 3.6 | | Y | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | | | | | | | -8 | 20 | 34 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | | | | | | | 0.25 | 1.4 | 2.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | | | | | | | -1.3 | 2.3 | 3.8 | | Y | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | | | | | | | 3.5 | 2.9 | 3.8 | | Y | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | | | | | | | -1.2 | 5.3 | 9.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | | | | | | | 1.6 | 4.7 | 4.8 | | Y | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | | | | | | | -1.6 | 2.1 | 3.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | | | | | | | 2.1 | 2.8 | 5 | | Y | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | | | | | | | 61 | 49 | 41 | | Y | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | | | | | | | 0.27 | 0.56 | 0.92 | | Y | R | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 AM Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | | | | | | | 0.53 | 0.96 | 1.7 | | Y | R | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | | | | | | | -1 | 17 | 30 | | Y | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | | | | | | | -1.5 | 2.2 | 3.7 | | Y | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | | | | | | | 9.4 | 10 | 9.2 | | Y | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | | | | | | | 0.014 | 0 | 0.001 | | Y | J | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | 0.33 | 0.008 | | | Y | J | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | | | | | | | -0.46 | 4.3 | 4.7 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | | | | | | | -3.2 | 4.9 | 8.4 | | Y | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | | | | | | | -3.1 | 5.3 | 9 | | Y | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | | | | | | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | | | | | | | 2 | | 10 | JB | Y | R | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 AM | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 3 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 2 | | 10 | J | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | | | | | | | 110 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | | | | | | | 2 | | 2 | < | Y | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | | | | | | | 160 | | 5 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | | | | | | | 19 | | 2 | | Y | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | | | | | | | 5 | | 5 | < | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe AM Trip Blank

| | | Event 1, Part 2, AM | | | | | | Event 2, Part 2, AM | | | | | | Event 3, Part 2, AM | | | | | | Event 4, Part 2, AM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 7 | | 10 | JB | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe PM Trip Blank

| | | Event 1, Part 2, PM | | | | | | Event 2, Part 2, PM | | | | | | Event 3, Part 2, PM | | | | | | Event 4, Part 2, PM | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 8 | | 10 | J | N | | 10 | | 10 | U | N | | 8 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 4 | | 10 | J | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: N/S Pipe Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 AM | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | | | | | | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | | | | | | | 10 | | 10 | | Y | U | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | | | | | | | 10 | | 10 | U | Y | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | | | | | | | 10 | | 30 | U | Y | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | MG/L |
| Anions by IC | Chloride | 58 | | 1 | | Y | J | 12.9 | | 1 | | Y | J | 83.2 | | 1 | | Y | J | 13.1 | | 1 | | N | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 87.3 | | 0.1 | | Y | J | 98.3 | | 0.1 | | Y | J | 57.3 | | 0.1 | | Y | J | 81 | | 0.1 | | N | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | N | | MG/L |
| Anions by IC | Sulfate | 149 | | 10 | | Y | J | 77.7 | | 10 | | Y | J | 129 | | 10 | | Y | J | 65.8 | | 10 | | N | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.66 | | 0.1 | | Y | | 0.71 | | 0.1 | | Y | | 1.5 | | 0.1 | | Y | | 0.5 | | 0.1 | | N | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | U | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 10 | | 2 | < | Y | | 2 | | 2 | < | Y | U | 2 | | 2 | < | N | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | J | 0.05 | | 0.04 | | N | | MG/L |
| Metals ICP | Barium | 0.12 | | 0.0008 | | Y | | 0.128 | | 0.0008 | | Y | | 0.0683 | | 0.0008 | | Y | | 0.0903 | | 0.0008 | | N | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP | Boron | 0.451 | | 0.006 | | Y | | 0.377 | | 0.006 | | Y | J | 34 | | 0.006 | | Y | | 0.309 | | 0.006 | | N | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | J | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Calcium | 174 | | 0.2 | | Y | | 223 | | 0.2 | | Y | | 149 | | 0.2 | | Y | J | 166 | | 0.2 | | N | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | 0.27 | | 0.06 | | N | | MG/L |
| Metals ICP | Lithium | 0.28 | | 0.02 | | Y | | 0.21 | | 0.02 | | Y | | 7.54 | | 0.02 | | Y | | 0.14 | | 0.02 | | N | | MG/L |
| Metals ICP | Magnesium | 25.1 | | 0.04 | | Y | | 30.9 | | 0.04 | | Y | | 25.6 | | 0.04 | | Y | | 23.4 | | 0.04 | | N | | MG/L |
| Metals ICP | Manganese | 0.157 | | 0.002 | | Y | | 0.145 | | 0.002 | | Y | J | 0.18 | | 0.002 | | Y | J | 0.278 | | 0.002 | | N | | MG/L |
| Metals ICP | Molybdenum | 0.023 | | 0.006 | | Y | | 0.012 | | 0.006 | | Y | | 0.01 | | 0.006 | | Y | | 0.009 | | 0.006 | | N | | MG/L |
| Metals ICP | Nickel | 0.009 | | 0.008 | | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.011 | | 0.008 | | N | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Potassium | 4 | | 0.6 | | Y | | 3.9 | | 0.6 | | Y | | 8.5 | | 0.6 | | Y | | 2.6 | | 0.6 | | N | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP | Sodium | 21.3 | | 0.04 | | Y | | 17.3 | | 0.04 | | Y | | 69.8 | | 0.04 | | Y | | 16.5 | | 0.04 | | N | | MG/L |
| Metals ICP | Strontium | 0.508 | | 0.001 | | Y | | 0.651 | | 0.001 | | Y | | 0.443 | | 0.001 | | Y | | 0.464 | | 0.001 | | N | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | Y | | 0.064 | | 0.01 | | Y | J | 0.01 | | 0.01 | | Y | J | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | J | 0.04 | | 0.04 | < | N | | MG/L |
| Metals ICP Diss | Barium | 0.12 | | 0.0008 | | Y | J | 0.132 | | 0.0008 | | Y | | 0.0694 | | 0.0008 | | Y | | 0.0912 | | 0.0008 | | N | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | UJ | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | MG/L |
| Metals ICP Diss | Boron | 0.448 | | 0.006 | | Y | | 0.385 | | 0.006 | | Y | J | 35.7 | | 0.006 | | Y | | 0.311 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Calcium | 169 | | 0.2 | | Y | J | 221 | | 0.2 | | Y | | 152 | | 0.2 | | Y | J | 171 | | 0.2 | | N | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | UJ | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | UJ | 0.06 | | 0.06 | < | Y | J | 0.06 | | 0.06 | < | N | | MG/L |
| Metals ICP Diss | Lithium | 0.28 | | 0.02 | | Y | | 0.21 | | 0.02 | | Y | | 7.84 | | 0.02 | | Y | | 0.15 | | 0.02 | | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Metals ICP Diss | Magnesium | 25.4 | | 0.04 | | Y | J | 31.3 | | 0.04 | | Y | | 25.4 | | 0.04 | | Y | | 23.8 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Manganese | 0.155 | | 0.002 | | Y | J | 0.143 | | 0.002 | | Y | | 0.178 | | 0.002 | | Y | J | 0.28 | | 0.002 | | N | | MG/L |
| Metals ICP Diss | Molybdenum | 0.023 | | 0.006 | | Y | | 0.013 | | 0.006 | | Y | | 0.01 | | 0.006 | | Y | | 0.01 | | 0.006 | | N | | MG/L |
| Metals ICP Diss | Nickel | 0.0084 | | 0.008 | | Y | J | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.01 | | 0.008 | | N | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Potassium | 3.96 | | 0.6 | | Y | J | 3.9 | | 0.6 | | Y | | 8.8 | | 0.6 | | Y | | 2.7 | | 0.6 | | N | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | UJ | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | MG/L |
| Metals ICP Diss | Sodium | 21.3 | | 0.04 | | Y | | 17.4 | | 0.04 | | Y | | 70.8 | | 0.04 | | Y | | 16.8 | | 0.04 | | N | | MG/L |
| Metals ICP Diss | Strontium | 0.505 | | 0.001 | | Y | | 0.652 | | 0.001 | | Y | | 0.447 | | 0.001 | | Y | | 0.472 | | 0.001 | | N | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Metals ICP Diss | Zinc | 0.0882 | | 0.01 | | Y | J | 0.07 | | 0.01 | | Y | J | 0.06 | | 0.01 | | Y | J | 0.07 | | 0.01 | | N | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 96 | 23 | 18.1 | | Y | J | 86 | 21 | 16 | | Y | J | 61 | 17 | 13 | | Y | J | 67 | 16 | 14 | | N | | PCI/L |
| Radionuclides | Antimony-125 | 8.6 | | 8.6 | < | Y | | -3.3 | 5.6 | 9.4 | | Y | | -0.7 | 4.5 | 7.6 | | Y | | -6.4 | 5.8 | 9.4 | | N | | PCI/L |
| Radionuclides | Beta Activity | 77 | 14 | 12.1 | | Y | J | 98 | 16 | 13 | | Y | J | 190 | 29 | 17 | | Y | J | 88 | 18 | 17 | | N | | PCI/L |
| Radionuclides | Bismuth-212 | 44 | | 44 | < | Y | | 8.3 | 31 | 47 | | Y | | 22 | 22 | 39 | | Y | | 3.9 | 29 | 49 | | N | | PCI/L |
| Radionuclides | Cerium-144 | 16 | | 16 | < | Y | | 4.3 | 11 | 19 | | Y | | 6.1 | 12 | 20 | | Y | | -11 | 12 | 20 | | N | | PCI/L |
| Radionuclides | Cesium-134 | 2.8 | | 2.8 | < | Y | | -0.17 | 2.5 | 3.6 | | Y | | -4.4 | 2 | 2.9 | | Y | | -1.8 | 2.4 | 3.8 | | N | | PCI/L |
| Radionuclides | Cesium-137 | 3.6 | | 3.6 | < | Y | | 0.61 | 2.4 | 3.6 | | Y | | 0.61 | 1.8 | 3 | | Y | | 2.9 | 2 | 3.5 | | N | | PCI/L |
| Radionuclides | Chromium-51 | 41 | | 41 | < | Y | | -20 | 31 | 51 | | Y | | -1.5 | 21 | 36 | | Y | | -53 | 55 | 86 | | N | | PCI/L |
| Radionuclides | Cobalt-57 | 2.2 | | 2.2 | < | Y | | 0.26 | 1.5 | 2.5 | | Y | | 0.29 | 1.5 | 2.6 | | Y | | -0.53 | 1.5 | 2.6 | | N | | PCI/L |
| Radionuclides | Cobalt-58 | 3.9 | | 3.9 | < | Y | | 0.26 | 2.8 | 4.8 | | Y | | 0.29 | 2 | 3.5 | | Y | | -1.3 | 3.3 | 5.7 | | N | | PCI/L |
| Radionuclides | Cobalt-60 | 3.9 | | 3.9 | < | Y | | 1.6 | 2.4 | 4.3 | | Y | | 0.46 | 1.9 | 3.3 | | Y | | 4 | 2.7 | 5 | | N | | PCI/L |
| Radionuclides | Iron-59 | 9.8 | | 9.8 | < | Y | | 10 | 6.6 | 12 | | Y | | 1.2 | 4.8 | 8.3 | | Y | | 6.6 | 9.3 | 17 | | N | | PCI/L |
| Radionuclides | Lead-212 | 2.7 | 5 | 5.3 | | Y | | -3.7 | 5.9 | 6.5 | | Y | | 3.6 | 4.2 | 5.6 | | Y | | -1.4 | 5.5 | 6.1 | | N | | PCI/L |
| Radionuclides | Manganese-54 | 3.3 | | 3.3 | < | Y | | -0.59 | 2.7 | 3.9 | | Y | | 0.9 | 1.7 | 3.1 | | Y | | 0.78 | 2.4 | 4.3 | | N | | PCI/L |
| Radionuclides | Niobium-95 | 4.8 | | 4.8 | < | Y | | 1.8 | 3.6 | 6.3 | | Y | | 1.1 | 2.5 | 4.4 | | Y | | 5.2 | 5.8 | 11 | | N | | PCI/L |
| Radionuclides | Potassium-40 | 20 | 48 | 54 | | Y | | -40 | 60 | 63 | | Y | | 12 | 44 | 28 | | Y | | 29 | 51 | 38 | | N | | PCI/L |
| Radionuclides | Radium-226 | 0.008 | 0.45 | 0.84 | | Y | R | -0.39 | 0.4 | 0.96 | | Y | R | 0.13 | 0.37 | 0.72 | | Y | R | -0.064 | 0.39 | 0.73 | | N | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -1.1 | 0.74 | 1.88 | | Y | R | 0.94 | 0.88 | 1.4 | | Y | R | 1.3 | 1.1 | 1.2 | | Y | R | 0.48 | 0.57 | 1.3 | | N | | PCI/L |
| Radionuclides | Ruthenium-106 | 29 | | 29 | < | Y | | -4.5 | 20 | 34 | | Y | | 19 | 17 | 29 | | Y | | 3.1 | 22 | 37 | | N | | PCI/L |
| Radionuclides | Sodium-22 | 3.6 | | 3.6 | < | Y | | -1.3 | 2.7 | 3.8 | | Y | | -0.45 | 1.8 | 3.1 | | Y | | 0.95 | 2.4 | 4.2 | | N | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | Y | | 6.4 | 13 | 13 | | Y | | 2.9 | 6.9 | 10 | | Y | | 10 | 7.3 | 13 | | N | | PCI/L |
| Radionuclides | Uranium, Total | 0.109 | 0.04 | 0.001 | | Y | J | 0.12 | 0 | 0.001 | | Y | J | 0.069 | 0.002 | 0.001 | | Y | J | 0.12 | 0.002 | 0.001 | | N | | MG/L |
| Radionuclides | Uranium-235 | 0.81 | 0.2 | | | Y | J | 0.68 | 0.05 | | | Y | J | 0.69 | 0.04 | | | Y | J | 0.68 | 0.02 | | | N | | WT |
| Radionuclides | Uranium-235 | 2.4 | 4.3 | 4.4 | | Y | | 2.7 | 5.1 | 3.9 | | Y | | 2.8 | 4.7 | 3.6 | | Y | | 3.4 | 4.8 | 5.2 | | N | | PCI/L |
| Radionuclides | Zinc-65 | 7.9 | | 7.9 | < | Y | | -3.4 | 5.3 | 8.8 | | Y | | -2.7 | 4.1 | 6.7 | | Y | | -7.7 | 6.1 | 9.7 | | N | | PCI/L |
| Radionuclides | Zirconium-95 | 9.4 | | 9.4 | < | Y | | 3.5 | 6.2 | 11 | | Y | | -0.61 | 4.7 | 8 | | Y | | 0.82 | 8.2 | 14 | | N | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | | 10 | | 25 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 1 | | 10 | JB | Y | R | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 5 | | 10 | J | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | JB | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 1 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 2 | | 10 | J | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 4 | | 10 | J | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 1 | | 10 | J | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |
| Wet Chem | Alkalinity | 210 | | 5 | | Y | | 230 | | 5 | | Y | | 230 | | 5 | | Y | | 180 | | 5 | | N | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 6.9 | | 5 | | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | MG/L |
| Wet Chem | Oil and Grease | 3.3 | | 2 | | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | 2 | | 2 | < | N | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 1100 | | 5 | | Y | | 1300 | | 5 | | Y | | 1400 | | 5 | | Y | | 780 | | 5 | | N | | MG/L |
| Wet Chem | Total Organic Carbon | 34 | | 2 | | Y | | 41 | | 2 | | Y | | 18 | | 2 | | Y | | 8.4 | | 2 | | N | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | 5 | | 5 | < | N | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Chloride | 39.2 | | 1 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 84.1 | | 0.1 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Anions by IC | Sulfate | 107 | | 10 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.61 | | 0.1 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | 0.121 | | 0.0008 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | 0.452 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | 173 | | 0.2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | 0.28 | | 0.02 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | 25.3 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | 0.158 | | 0.002 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | 0.022 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | 3.8 | | 0.6 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | 21.4 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | 0.512 | | 0.001 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | 0.09 | | 0.01 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.12 | | 0.0008 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.45 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 174 | | 0.2 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.28 | | 0.02 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Metals ICP Diss | Magnesium | 25.5 | | 0.04 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.156 | | 0.002 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.024 | | 0.006 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.009 | | 0.008 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 4.1 | | 0.6 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 21.4 | | 0.04 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.507 | | 0.001 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | UJ | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.09 | | 0.01 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | 95 | 23 | 17.5 | | Y | J | | | | | | | | | | | | | | | | | | | |
| Radionuclides | Antimony-125 | 9 | | 9 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | 83 | 15 | 11.9 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | 47 | | 47 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | 19 | | 19 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | 3.4 | | 3.4 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | 3.8 | | 3.8 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | 43 | | 43 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | 2.4 | | 2.4 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | 4.7 | | 4.7 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | 4.3 | | 4.3 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | 11 | | 11 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | 1.5 | 5.6 | 5.3 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | 3.8 | | 3.8 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | 5.7 | | 5.7 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | 51 | 57 | 54 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | 0.004 | 0.05 | 0.8 | | Y | R | | | | | | | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Radionuclides | Radium-228 | -0.96 | 0.88 | 1.44 | | Y | R | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | 31 | | 31 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | 4.3 | | 4.3 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | 14 | 10 | 10.1 | | Y | J | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | 0.16 | 0.013 | 0.001 | | Y | J | | | | | | | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | 0.78 | 0.22 | | | Y | J | | | | | | | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | 5 | | 5 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | 8.1 | | 8.1 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | 10 | | 10 | < | Y | UJ | | | | | | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 10 | | 10 | | Y | U | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 2 | | 10 | J | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | 210 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 7.7 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | 2.2 | | 2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Dissolved Solids | 1200 | | 5 | | Y | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Organic Carbon | 27 | | 2 | | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | Y | | | | | | | | | | | | | | | | | | | | MG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 4 | | 10 | J | N | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 2 | | 10 | J | N | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 1 | | 10 | JB | N | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 12 | | 10 | JB | N | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | N | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 1 | | 10 | J | N | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | N | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | N | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Western Line Trip Blank for Duplicate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | Y | R | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | Y | | | | | | | | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 0.21 | | 0.1 | | Y | J | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | N | | 10 | | 10 | < | Y | UJ | 10 | | 10 | < | N | | 10 | | 10 | < | Y | UJ | MG/L |
| Chromium VI | Chromium VI | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.026 | | 0.1 | | Y | | | | | | | | 0.058 | | 0.1 | | Y | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | | | | | | | 5 | | 2 | < | Y | | | | | | | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | Y | J | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 5 | | 2 | < | Y | U | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0008 | | 0.0008 | < | Y | | | | | | | | 0.0008 | | 0.0008 | < | Y | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | | | | | | | 0.006 | | 0.006 | < | Y | UJ | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | UJ | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | 0.2 | | 0.2 | < | Y | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | | | | | | | 0.06 | | 0.06 | < | Y | | | | | | | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.002 | | 0.002 | < | Y | UJ | | | | | | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | | | | | | | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | | | | | | | 0.6 | | 0.6 | < | Y | | | | | | | | 0.6 | | 0.6 | < | Y | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | | | | | | | 0.1 | | 0.04 | | Y | | | | | | | | 0.07 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.001 | | 0.001 | < | Y | | | | | | | | 0.001 | | 0.001 | < | Y | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | 0.004 | | 0.004 | < | Y | UJ | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | UJ | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 0.13 | | 0.04 | | N | | 0.12 | | 0.04 | | Y | | 0.11 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | J | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | 2 | | 2 | U | Y | | | | | | | | 2 | | 2 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | 1 | | 1 | U | Y | | | | | | | | 1 | | 1 | U | Y | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | 5 | | 5 | U | Y | | | | | | | | 5 | | 5 | U | Y | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | 0.1 | | 0.1 | U | Y | | | | | | | | 0.1 | | 0.1 | U | Y | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | 0.05 | | 0.05 | U | Y | | | | | | | | 0.05 | | 0.05 | U | Y | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | 0.5 | | 0.5 | U | Y | | | | | | | | 0.5 | | 0.5 | U | Y | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | 5 | | 5 | U | Y | | | | | | | | 5 | | 5 | U | Y | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 5.8 | 7.4 | 12 | | Y | R | | | | | | | -0.54 | 3 | 6.3 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | | | | | | | -2.4 | 5 | 8.5 | | Y | | | | | | | | -0.013 | 5.9 | 9.8 | | Y | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 0.31 | 6.7 | 12 | | Y | R | | | | | | | 4.3 | 7.1 | 12 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 19 | 28 | 49 | | Y | | | | | | | | 13 | 28 | 49 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | -0.16 | 11 | 19 | | Y | | | | | | | | 0.8 | 15 | 25 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | -1.7 | 2.4 | 3.4 | | Y | | | | | | | | -1.1 | 2.5 | 3.6 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 2.2 | 2.2 | 3.9 | | Y | | | | | | | | 0.45 | 2.2 | 3.7 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | 22 | 25 | 42 | | Y | | | | | | | | -7.7 | 35 | 59 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | -0.85 | 1.4 | 2.3 | | Y | | | | | | | | -1.3 | 2 | 3.2 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | -0.048 | 2.6 | 4.5 | | Y | | | | | | | | -2.9 | 2.9 | 4.7 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 1.2 | 2.5 | 4.4 | | Y | | | | | | | | 0.57 | 2.4 | 4.2 | | Y | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 5.8 | 5.9 | 11 | | Y | | | | | | | | 4.1 | 6.7 | 12 | | Y | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 5.4 | 3.2 | 5.5 | | Y | | | | | | | | 1.1 | 5.4 | 5.5 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | 2.2 | 2.2 | 4 | | Y | | | | | | | | 1.5 | 2.4 | 4.2 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 1.5 | 3.3 | 5.8 | | Y | | | | | | | | 2.4 | 3.9 | 6.7 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | 72 | 56 | 40 | | Y | | | | | | | | 32 | 62 | 36 | | Y | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | -0.16 | 0.94 | 1.5 | | Y | R | | | | | | | -0.11 | 0.3 | 0.88 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | -0.71 | 2.5 | 2.4 | | Y | R | | | | | | | -0.24 | 0.9 | 1.3 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | 5.1 | 19 | 32 | | Y | | | | | | | | -4.5 | 21 | 35 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | -1.6 | 2.6 | 4.3 | | Y | | | | | | | | 2 | 2.3 | 4.2 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 11 | 6.7 | 12 | | Y | | | | | | | | -2.1 | 11 | 12 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.001 | | 0.001 | < | Y | UJ | | | | | | | 0.001 | | 0.001 | < | Y | J | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | Y | UJ | | | | | | | | | | | Y | J | WT |
| Radionuclides | Uranium-235 | | | | | | | 1 | 4.4 | 3.8 | | Y | | | | | | | | 1.2 | 4.3 | 4.4 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | -2.6 | 5 | 8.2 | | Y | | | | | | | | -2.5 | 5.3 | 9 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | -1 | 6.1 | 10 | | Y | | | | | | | | -1.6 | 6.9 | 12 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | Y | | | | | | | | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | Y | | | | | | | | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 5 | | 10 | JB | Y | R | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 1 | | 10 | J | Y | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | | | | | | | 11 | | 10 | J | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | Y | | | | | | | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2.1 | | 2 | | Y | | | | | | | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 12 | | 5 | | Y | | | | | | | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 2 | | 2 | < | Y | | | | | | | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Event 4, Part 2 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Anions by IC | Bromide | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | | | | | | | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | Y | UJ | 10 | | 10 | < | Y | | 10 | | 10 | < | Y | | | | | | | | MG/L |
| Chromium VI | Chromium VI | | | | | | | | | | | | | | | | | | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | | | | | | | 0.01 | | 0.1 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals AAS | Arsenic | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Lead | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Mercury | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS | Selenium | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | | | | | | | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | | | | | | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | Y | U | 2 | | 2 | < | Y | U | 2 | | 2 | < | Y | U | | | | | | | UG/L |
| Metals ICP | Aluminum | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Barium | | | | | | | 0.0008 | | 0.0008 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Beryllium | | | | | | | 0.0004 | | 0.0004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Boron | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cadmium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Calcium | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Cerium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Chromium | | | | | | | 0.006 | | 0.006 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Cobalt | | | | | | | 0.002 | | 0.002 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Copper | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Gallium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Iron | | | | | | | 0.07 | | 0.06 | | Y | J | | | | | | | | | | | | | MG/L |
| Metals ICP | Lithium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Magnesium | | | | | | | 0.04 | | 0.04 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Manganese | | | | | | | 0.002 | | 0.002 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Molybdenum | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Nickel | | | | | | | 0.008 | | 0.008 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Niobium | | | | | | | 0.01 | | 0.01 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Potassium | | | | | | | 0.6 | | 0.6 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Silver | | | | | | | 0.006 | | 0.006 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Sodium | | | | | | | 0.08 | | 0.04 | | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Strontium | | | | | | | 0.001 | | 0.001 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Thallium | | | | | | | 0.03 | | 0.05 | < | Y | UJ | | | | | | | | | | | | | MG/L |
| Metals ICP | Thorium | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Titanium | | | | | | | 0.02 | | 0.02 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Vanadium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zinc | | | | | | | 0.01 | | 0.01 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP | Zirconium | | | | | | | 0.004 | | 0.004 | < | Y | | | | | | | | | | | | | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | Y | UJ | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| Analysis | Analyte | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | UJ | 0.002 | | 0.002 | < | Y | J | | | | | | | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Sodium | 0.07 | | 0.04 | | Y | | 0.08 | | 0.04 | | Y | | 0.09 | | 0.04 | | Y | | | | | | | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | 0.03 | | 0.05 | < | Y | UJ | | | | | | | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | | | | | | | MG/L |
| Pesticides/PCBs | 4,4-DDD | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | | | | | | | 0.28 | 2.4 | 5 | | Y | R | | | | | | | | | | | | | |
| Radionuclides | Antimony-125 | | | | | | | 1.4 | 5.2 | 8.9 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Beta Activity | | | | | | | 8.3 | 7.5 | 12 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Bismuth-212 | | | | | | | 18 | 26 | 47 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cerium-144 | | | | | | | 1.3 | 13 | 22 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-134 | | | | | | | -2.9 | 2.3 | 3.6 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cesium-137 | | | | | | | 2.8 | 2.1 | 3.9 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Chromium-51 | | | | | | | -0.23 | 52 | 90 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-57 | | | | | | | -0.32 | 1.8 | 2.9 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-58 | | | | | | | -2.1 | 3.3 | 5.5 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Cobalt-60 | | | | | | | 2.2 | 2.6 | 4.2 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Iron-59 | | | | | | | 6.5 | 8.8 | 16 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Lead-212 | | | | | | | 4 | 5.8 | 4.8 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Manganese-54 | | | | | | | -0.071 | 2.3 | 3.9 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Niobium-95 | | | | | | | 4.3 | 5.8 | 10 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Potassium-40 | | | | | | | -0.99 | 57 | 63 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Radium-226 | | | | | | | -0.24 | 0.45 | 0.96 | | Y | R | | | | | | | | | | | | | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinsate

| Analysis | Analyte | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radionuclides | Radium-228 | | | | | | | -0.34 | 0.86 | 1.5 | | Y | R | | | | | | | | | | | | | PCI/L |
| Radionuclides | Ruthenium-106 | | | | | | | -17 | 21 | 34 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Sodium-22 | | | | | | | -0.44 | 2.1 | 3.7 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Thallium-208 | | | | | | | 4.1 | 11 | 13 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Uranium, Total | | | | | | | 0.001 | | 0.001 | < | Y | J | | | | | | | | | | | | | MG/L |
| Radionuclides | Uranium-235 | | | | | | | | | | | Y | J | | | | | | | | | | | | | WT |
| Radionuclides | Uranium-235 | | | | | | | 0.67 | 3.8 | 3.7 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zinc-65 | | | | | | | -1.4 | 5.9 | 8.5 | | Y | | | | | | | | | | | | | | PCI/L |
| Radionuclides | Zirconium-95 | | | | | | | -8.1 | 7.9 | 13 | | Y | | | | | | | | | | | | | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | | | | | | | 10 | | 25 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chloronaphthalene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Chlorophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylnaphthalene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Methylphenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | | | | | | | 10 | | 25 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 2-Nitrophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Methylphenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | 4-Nitrophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Acenaphthylene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Anthracene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)anthracene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(a)pyrene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | | | | | | | 5 | | 10 | JB | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Butylbenzylphthalate | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Carbazole | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Chrysene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-butylphthalate | | | | | | | 2 | | 10 | J | Y | | | | | | | | | | | | | | UG/L |
| Semivolatiles | Di-n-octylphthlate | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dibenzofuran | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Diethylphthalate | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Dimethylphthlate | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluoranthene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Fluorene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorobutadiene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate

| Analysis | Analyte | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Semivolatiles | Hexachloroethane | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Isophorone | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Naphthalene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Nitrobenzene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pentachlorophenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenanthrene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Phenol | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Semivolatiles | Pyrene | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | Y | UJ | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | Y | R | | | | | | | | | | | | | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | Y | | | | | | | | | | | | | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | Y | | | | | | | | | | | | | | UG/L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | UG/L |
| Wet Chem | Alkalinity | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Chemical Oxygen Demand | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Nitrogen as Ammonia | | | | | | | 0.2 | | 0.2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Oil and Grease | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Organic Carbon | | | | | | | 2 | | 2 | < | Y | | | | | | | | | | | | | | MG/L |
| Wet Chem | Total Suspended Solids | | | | | | | 5 | | 5 | < | Y | | | | | | | | | | | | | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Equipment Rinseate Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 2-Hexanone | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 4-Methyl-2-pentanone | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Acetone | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Benzene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromoform | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromomethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | | | | | | | 10 | | 10 | U | N | | 10 | | | | Y | U | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 2 | | 10 | J | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | | | | | | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | | | | | | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Field Blank

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Anions by IC | Bromide | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Chloride | 1 | | 1 | < | N | | 1 | | 1 | < | N | | 1 | | 1 | < | Y | UJ | 1 | | 1 | < | Y | UJ | MG/L |
| Anions by IC | Nitrate as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Nitrite as Nitrogen | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | UJ | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | ortho-Phosphate as Phosphorus | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | N | | 0.1 | | 0.1 | < | Y | | 0.1 | | 0.1 | < | Y | UJ | MG/L |
| Anions by IC | Sulfate | 10 | | 10 | < | N | | 10 | | 10 | < | N | | 10 | | 10 | < | Y | UJ | 10 | | 10 | < | Y | | MG/L |
| Chromium VI | Chromium VI | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | | | | | | | MG/L |
| Fluoride by ISE | Fluoride | 0.02 | | 0.1 | | N | | 0.072 | | 0.1 | | N | | 0.49 | | 0.1 | | Y | | 0.01 | | 0.1 | < | Y | UJ | MG/L |
| Metals AAS | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | UG/L |
| Metals AAS | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | UG/L |
| Metals AAS Diss | Arsenic | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Lead | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | U | 5 | | 5 | < | Y | U | UG/L |
| Metals AAS Diss | Mercury | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | UG/L |
| Metals AAS Diss | Selenium | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | U | 2 | | 2 | < | Y | U | UG/L |
| Metals ICP | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | Y | | MG/L |
| Metals ICP | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | MG/L |
| Metals ICP | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Chromium | 0.006 | | 0.006 | | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | UJ | MG/L |
| Metals ICP | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | UJ | MG/L |
| Metals ICP | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | J | MG/L |
| Metals ICP | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | UJ | MG/L |
| Metals ICP | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | Y | | MG/L |
| Metals ICP | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP | Sodium | 0.13 | | 0.04 | | N | | 0.12 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | 0.08 | | 0.04 | | Y | | MG/L |
| Metals ICP | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | Y | | MG/L |
| Metals ICP | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | UJ | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Aluminum | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | UJ | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Barium | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | N | | 0.0008 | | 0.0008 | < | Y | | 0.0008 | | 0.0008 | < | Y | | MG/L |
| Metals ICP Diss | Beryllium | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | N | | 0.0004 | | 0.0004 | < | Y | | 0.0004 | | 0.0004 | < | Y | | MG/L |
| Metals ICP Diss | Boron | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0 006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Cadmium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Calcium | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | MG/L |
| Metals ICP Diss | Cerium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Chromium | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0 006 | < | Y | | MG/L |
| Metals ICP Diss | Cobalt | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | | MG/L |
| Metals ICP Diss | Copper | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Gallium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Iron | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | N | | 0.06 | | 0.06 | < | Y | | 0.06 | | 0.06 | < | Y | | MG/L |
| Metals ICP Diss | Lithium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Field Blank

| Analysis | Analyte | Event 1, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 2, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 3, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Event 4, Part 2 Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals ICP Diss | Magnesium | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | N | | 0.04 | | 0.04 | < | Y | | 0.04 | | 0.04 | < | Y | | MG/L |
| Metals ICP Diss | Manganese | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | N | | 0.002 | | 0.002 | < | Y | | 0.002 | | 0.002 | < | Y | UJ | MG/L |
| Metals ICP Diss | Molybdenum | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Nickel | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | N | | 0.008 | | 0.008 | < | Y | | 0.008 | | 0.008 | < | Y | | MG/L |
| Metals ICP Diss | Niobium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | UJ | 0.01 | | 0.01 | < | Y | UJ | MG/L |
| Metals ICP Diss | Potassium | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | N | | 0.6 | | 0.6 | < | Y | | 0.6 | | 0.6 | < | Y | | MG/L |
| Metals ICP Diss | Silver | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | N | | 0.006 | | 0.006 | < | Y | | 0.006 | | 0.006 | < | Y | | MG/L |
| Metals ICP Diss | Sodium | 0.1 | | 0.04 | | N | | 0.09 | | 0.04 | | N | | 0.06 | | 0.04 | | Y | | 0.07 | | 0.04 | | Y | | MG/L |
| Metals ICP Diss | Strontium | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | | 0.001 | | 0.001 | < | Y | | MG/L |
| Metals ICP Diss | Thallium | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | N | | 0.03 | | 0.05 | < | Y | | 0.03 | | 0.05 | < | Y | UJ | MG/L |
| Metals ICP Diss | Thorium | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Titanium | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | N | | 0.02 | | 0.02 | < | Y | | 0.02 | | 0.02 | < | Y | | MG/L |
| Metals ICP Diss | Vanadium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Metals ICP Diss | Zinc | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | N | | 0.01 | | 0.01 | < | Y | | 0.01 | | 0.01 | < | Y | | MG/L |
| Metals ICP Diss | Zirconium | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | N | | 0.004 | | 0.004 | < | Y | | 0.004 | | 0.004 | < | Y | | MG/L |
| Pesticides/PCBs | 4,4-DDD | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDE | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | 4,4-DDT | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aldrin | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Alpha-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1016 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1221 | 2 | | 2 | U | Y | | 2 | | 2 | U | N | | 2 | | 2 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1232 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1242 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1248 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1254 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Aroclor-1260 | 1 | | 1 | U | Y | | 1 | | 1 | U | N | | 1 | | 1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Beta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Chlordane | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Delta-BHC | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Dieldrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan I | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan II | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endosulfan Sulfate | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Aldehyde | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Endrin Ketone | 0.1 | | 0.1 | U | Y | | 0.1 | | 0.1 | U | N | | 0.1 | | 0.1 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Gamma-Chlordane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Heptachlor Epoxide | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Lindane | 0.05 | | 0.05 | U | Y | | 0.05 | | 0.05 | U | N | | 0.05 | | 0.05 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Methoxychlor | 0.5 | | 0.5 | U | Y | | 0.5 | | 0.5 | U | N | | 0.5 | | 0.5 | U | Y | | | | | | | | UG/L |
| Pesticides/PCBs | Toxaphene | 5 | | 5 | U | Y | | 5 | | 5 | U | N | | 5 | | 5 | U | Y | | | | | | | | UG/L |
| Radionuclides | Alpha Activity | -2.2 | 6.4 | 13 | | N | | -1.9 | 7.4 | 14 | | N | | -1.9 | 2.5 | 6.4 | | Y | R | 7.9 | 4.6 | 5.1 | | Y | R | PCI/L |
| Radionuclides | Antimony-125 | 7.8 | | 7.8 | < | N | | 4.7 | 5.1 | 8.6 | | N | | -5.2 | 4.7 | 7.4 | | Y | | -3.1 | 5.8 | 9.8 | | Y | | PCI/L |
| Radionuclides | Beta Activity | 0.47 | 5.7 | 10.3 | | N | | -6.2 | 7.3 | 13 | | N | | 2.5 | 6.9 | 12 | | Y | R | 13 | 8.1 | 12 | | Y | R | PCI/L |
| Radionuclides | Bismuth-212 | 42 | | 42 | < | N | | -4.4 | 26 | 44 | | N | | 14 | 25 | 44 | | Y | | 14 | 29 | 50 | | Y | | PCI/L |
| Radionuclides | Cerium-144 | 16 | | 16 | < | N | | -0.32 | 10 | 17 | | N | | 14 | 11 | 19 | | Y | | -3.6 | 12 | 20 | | Y | | PCI/L |
| Radionuclides | Cesium-134 | 3.2 | | 3.2 | < | N | | -0.12 | 2.2 | 3.3 | | N | | -1.1 | 2 | 3.2 | | Y | | -2.9 | 2.4 | 3.9 | | Y | | PCI/L |
| Radionuclides | Cesium-137 | 3.8 | 2.7 | 3.2 | | N | | 1.2 | 2 | 3.5 | | N | | 3.6 | 2.7 | 3.2 | | Y | | 2.1 | 2.4 | 4.1 | | Y | | PCI/L |
| Radionuclides | Chromium-51 | 35 | | 35 | < | N | | -6.3 | 21 | 35 | | N | | 2.6 | 20 | 35 | | Y | | -6.2 | 57 | 93 | | Y | | PCI/L |
| Radionuclides | Cobalt-57 | 2.1 | | 2.1 | < | N | | -0.85 | 1.3 | 2.2 | | N | | -0.11 | 1.4 | 2.3 | | Y | | -0.69 | 1.5 | 2.6 | | Y | | PCI/L |
| Radionuclides | Cobalt-58 | 3.9 | | 3.9 | < | N | | -0.31 | 2.4 | 4 | | N | | -0.65 | 2.3 | 3.8 | | Y | | -3.7 | 3.6 | 5.9 | | Y | | PCI/L |
| Radionuclides | Cobalt-60 | 4 | | 4 | < | N | | 2.6 | 2.4 | 4.5 | | N | | 1.9 | 2.4 | 4.4 | | Y | | 1.1 | 2.7 | 4.7 | | Y | | PCI/L |
| Radionuclides | Iron-59 | 8.9 | | 8.9 | < | N | | 6.2 | 5.6 | 10 | | N | | 2 | 5.2 | 9.4 | | Y | | 9.5 | 9.9 | 18 | | Y | | PCI/L |
| Radionuclides | Lead-212 | 3 | 4.7 | 5.3 | | N | | 1.3 | 4.6 | 5.4 | | N | | 2 | 5.9 | 4.9 | | Y | | -0.48 | 5.8 | 6.1 | | Y | | PCI/L |
| Radionuclides | Manganese-54 | 3.4 | | 3.4 | < | N | | -0.47 | 2.1 | 3.5 | | N | | 0.046 | 2 | 3.6 | | Y | | -0.47 | 2.4 | 4.2 | | Y | | PCI/L |
| Radionuclides | Niobium-95 | 4.5 | | 4.5 | < | N | | 1.4 | 2.9 | 5.1 | | N | | 4.6 | 2.7 | 5.1 | | Y | | 0.68 | 6 | 10 | | Y | | PCI/L |
| Radionuclides | Potassium-40 | 62 | | 62 | < | N | | 29 | 53 | 40 | | N | | 71 | 58 | 30 | | Y | | -9.7 | 57 | 66 | | Y | | PCI/L |
| Radionuclides | Radium-226 | -0.04 | 0.26 | 0.86 | | N | | 0.18 | 0.59 | 0.78 | | N | | -0.23 | 0.32 | 0.68 | | Y | R | -0.38 | 0.39 | 0.91 | | Y | R | PCI/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Field Blank

| Analysis | Analyte | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | |
| Radionuclides | Radium-228 | -0.37 | 0.52 | 1.8 | | N | | 0.51 | 1.2 | 1.4 | | N | | 0.77 | 0.83 | 1.1 | | Y | R | 0.34 | 1.1 | 1.6 | | Y | R | PCI/L |
| Radionuclides | Ruthenium-106 | 28 | | 28 | < | N | | -6.7 | 17 | 29 | | N | | -6.5 | 18 | 31 | | Y | | -11 | 23 | 38 | | Y | | PCI/L |
| Radionuclides | Sodium-22 | 3.6 | | 3.6 | < | N | | 0.022 | 2.3 | 4 | | N | | 0.98 | 2.3 | 4.1 | | Y | | 2 | 2.4 | 4.4 | | Y | | PCI/L |
| Radionuclides | Thallium-208 | 11 | | 11 | < | N | | 8.4 | 6.1 | 11 | | N | | 5.7 | 11 | 12 | | Y | | 10 | 11 | 12 | | Y | | PCI/L |
| Radionuclides | Uranium, Total | 0.001 | | 0 001 | < | N | | 0.001 | | 0.001 | < | N | | 0.001 | | 0.001 | < | Y | J | 0.001 | | 0.001 | < | Y | J | MG/L |
| Radionuclides | Uranium-235 | | | | | N | | | | | | N | | | | | | Y | J | | | | | Y | J | WT |
| Radionuclides | Uranium-235 | 4.5 | | 4.5 | < | N | | 6.9 | 5.5 | 4.6 | | N | | 2.8 | 4.3 | 3.5 | | Y | | -0.15 | 5.5 | 5 | | Y | | PCI/L |
| Radionuclides | Zinc-65 | 7 | | 7 | < | N | | -0.68 | 5.3 | 9.1 | | N | | -1.1 | 4.6 | 8 | | Y | | -1.1 | 5.7 | 9.6 | | Y | | PCI/L |
| Radionuclides | Zirconium-95 | 8.9 | | 8.9 | < | N | | 4.3 | 5.6 | 9.8 | | N | | -2.3 | 5.1 | 8.7 | | Y | | 5.1 | 8.8 | 15 | | Y | | PCI/L |
| Semivolatiles | 1,2,4-Trichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,2-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,3-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 1,4-Dichlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4,5-Trichlorophenol | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4,6-Trichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | Y | R | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dichlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dimethylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,4-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2,6-Dinitrotoluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chloronaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Chlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methyl-4,6-Dinitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylnaphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrobenzenamine | 10 | | 25 | U | N | | 10 | | 25 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 2-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 25 | U | Y | R | 10 | | 25 | U | Y | R | UG/L |
| Semivolatiles | 3,3-Dichlorobenzidine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 3-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Bromophenyl Phenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chloro-3-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Chlorophenylphenyl Ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Methylphenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrobenzenamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | 4-Nitrophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Acenaphthylene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)anthracene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(a)pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(b)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(g,h,i)perylene | 2 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Benzo(k)fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethoxy)methane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroethyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-chloroisopropyl)ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Bis(2-ethylhexyl)phthalate | 3 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Butylbenzylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 7 | | 10 | JB | Y | R | 6 | | 10 | JB | Y | J | UG/L |
| Semivolatiles | Carbazole | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Chrysene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-butylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Di-n-octylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenz(a,h)anthracene | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dibenzofuran | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Diethylphthalate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Dimethylphthlate | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluoranthene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Fluorene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorobutadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Hexachlorocyclopentadiene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Field Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Semivolatiles | Hexachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Indeno(1,2,3-cd)pyrene | 1 | | 10 | J | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Isophorone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitroso-di-n-propylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | N-nitrosodiphenylamine | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Naphthalene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Nitrobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pentachlorophenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenanthrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Phenol | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Semivolatiles | Pyrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |
| Wet Chem | Alkalinity | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Biochemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Chemical Oxygen Demand | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |
| Wet Chem | Nitrogen as Ammonia | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | N | | 0.2 | | 0.2 | < | Y | | 0.2 | | 0.2 | < | Y | | MG/L |
| Wet Chem | Oil and Grease | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Specific Conductance | | | | | | | | | | | | | | | | | | | | | | | | | UMHO |
| Wet Chem | Total Dissolved Solids | 5 | | 5 | < | N | | 14 | | 5 | | N | | 5 | | 5 | < | Y | | 46 | | 5 | | Y | | MG/L |
| Wet Chem | Total Organic Carbon | 2 | | 2 | < | N | | 2 | | 2 | < | N | | 2 | | 2 | < | Y | | 2 | | 2 | < | Y | | MG/L |
| Wet Chem | Total Suspended Solids | 5 | | 5 | < | N | | 5 | | 5 | < | N | | 5 | | 5 | < | Y | | 5 | | 5 | < | Y | | MG/L |

## Results of Dry Weather Surface Water Sampling

Station ID: Part 2 Field Blank Trip Blank

| | | Event 1, Part 2 | | | | | | Event 2, Part 2 | | | | | | Event 3, Part 2 | | | | | | Event 4, Part 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analysis | Analyte | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Result | Uncert | LRL | Lab Qual | Val? | DV Qual | Units |
| Volatiles | 1,1,1-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2,2-Tetrachloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1,2-Trichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,1-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 1,2-Dichloropropane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Butanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Chloroethylvinyl ether | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | 2-Hexanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | 4-Methyl-2-pentanone | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Acetone | 3 | | 10 | J | N | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | UJ | UG/L |
| Volatiles | Benzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromodichloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Bromoform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | R | 10 | | 10 | U | Y | R | UG/L |
| Volatiles | Bromomethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon disulfide | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Carbon tetrachloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chlorobenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloroform | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Chloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | cis-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Dibromochloromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Ethylbenzene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Methylene chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Styrene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | | Y | U | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Tetrachloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Toluene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,2-Dichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | trans-1,3-Dichloropropene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichloroethene | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Trichlorofluoromethane | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Vinyl chloride | 10 | | 10 | U | N | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | 10 | | 10 | U | Y | | UG/L |
| Volatiles | Xylene | 10 | | 30 | U | N | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | 10 | | 30 | U | Y | | UG/L |

# Appendix F

# QUALITY CONTROL/QUALITY ASSURANCE DOCUMENTATION

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. LLEFPC Field Change No. 1 Page 1 of 1

Project: ER OU#1

Applicable Document: 7/11/93

Description: OUTFALL 54 WAS A DRY OUTFALL. USED 54 bottles to sample ST 8 A.M. - SUNDAY 7-11-93

Reason for change: ANTICIPATION of SUNDAYS SAMPLING NOT FORSEEN.

Recommended disposition:

Impact on present and completed work: #1 ELIMS No. E93198869 is now Station 8

OK SDE 8AM 7/11/93

Requested by: MS ELLIOTT (Field/Project Manager)

Approval: CA Hinds (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

EXAMPLE OF FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

AX03/05JUL93/ASG

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. UEFPC Field Change No. 2 Page 1 of 2

Project: ERCEC 7/10,11/93

Applicable Document: GAPJP

Description: Unsampled Outfalls
(1) #23 (2) #33 (3) #54 (4) #66
(5) #83 (6) #133

Reason for change: Insufficient or no flow to sample.

Recommended disposition:

Impact on present and completed work: Sites will be checked prior to 2nd event to see if they can be sampled.

Requested by: MS Elliott / SP Easterling (Field/Project Manager)

Approval: CA Hendrix (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

EXAMPLE OF FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No: 16-1

A403/052093/A50

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. UEFPC Field Change No. 3 Page 1 of 1

Project: ERCCC 7/10/93

Applicable Document:

Description: Cutlines 42 & 49 were NOT sampled at actual discharge location. Samples were collected from manholes north of discharge site.

Reason for change: Creek water backflowed into mouth of pipes not allowing samples or measurements to be taken.

Recommended disposition: Confined Space Entry will be required to enter manholes.

Impact on present and completed work: Some suspended/disturbed particles were allowed into collected samples.

Requested by: MB Elliott / SD Easterling (Field/Project Manager)

Approval: CS Haase (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

EXAMPLE OF FIELD CHANGE REQUEST FORM

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. U.E.F.P.C. Field Change No. 4 Page 1 of 1

Project: ER O.U.1

Applicable Document: 7/10/93

Description: Change schedule from 1 day event into 2 day event per agreement / Turner, Hudson Eastern Inc, Leslie & Lab Personnel

Reason for change: Insufficient time to complete in one day.

Recommended disposition:

Impact on present and completed work: None if no measurable rainfall recieved overnight.

Requested by: [signature] (Field/Project Manager)

Approval: [signature] (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

EXAMPLE OF FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

AX07/0501/93/ASG

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER-0001 Field Change No. 1 Page 1 of 1

Project: UEFPC OU 1 PART 2 MSE

Applicable Document: _____

Description: Change definition of "dry weather flow" from "no measurable rain for 24 hours" to "no measurable rain for 12 hours" for the sampling event on 8/14/93 ONLY.

Reason for change: All sampling will be in the western area of Plant which is almost entirely paved/roofed. Creek flow recedes very quickly after cessation of rain. Flow at N/S pipe = 1562 gpm @ 1920 on 8/13, Stage @ Sta 8 = 1.63, Stage @ Sta 17 = 1.38 These values very similar to last event. Total rainfall after 0700 on 8/13 = 0.65" ~~0.55" fell prior to 1035 on 8/13, last 0.10" fell about 1600 8/13.~~

Recommended disposition: _____

Impact on present and completed work: None

Requested by: M S Elliott K D Easterly / Ralph R. Turner (Field/Project Manager)

Approval: Clark Hudson 9/24/93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

SDE
~~EXAMPLE OF~~ FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A405/050193/ASG

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER 0001 Field Change No. 2 Page 1 of 1

Project: UEFPC OU1 Part 2

Applicable Document: ~~N/A~~ QAPjP

Description: QAPjP request 3 filtered metals bottles for lab.

Reason for change: filtration was to slow & would violate 1 hr filtration requirements. for 2 Outfalls 179, 190

Recommended disposition: Contacted E. White 9769 Supervisor approving a minimum of 2 liters of filtered water.

Impact on present and completed work: None

Requested by: Elliott/SAIC Earlabin (Field/Project Manager)

Approval: Clark Hudson 9/24/93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

SDE
~~EXAMPLE OF~~ FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A:\07\05\U1\93\ASD

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER0001 Field Change No. 1 Page 1 of 1

Project: UEFPC EVENT 2 PART 1

Applicable Document: QAPjP

Description: Samples & Field Measurements not taken. Outfall #83 Outfall #23 Outfall #63 Outfall #87 Outfall #33 Outfall #66 Outfall #133

Reason for change: Insufficient or no flow to take samples or field measurements.

Recommended disposition: Continue monitoring in future events & sample when sufficient flow allows

Impact on present and completed work: NONE

ORIGINATOR:
M S Elliott
Scientist

Requested by: Ralph R. Turner (Field/Project ~~Manager~~)

Approval: C A Hooda 11-11-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

~~EXAMPLE~~ OF FIELD CHANGE REQUEST FORM
NSE

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A465/050193/ASO

UEPC

OH-1

2nd Event

Part I Lower Section

7 1/2 - 13 Events

No Field Deviations

for Part 1 of 2nd

Event

M. Elliott

UE7PC
OU 1
Event 2
Part 2

10/5/93
Elliott

# Field Deviations

None

M L Elliott

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER0001 Field Change No. 1 Page 1 of 1

Project: UEFPC. EVENT 3 PART 1

Applicable Document: N/A QAP-P

Description: OUTFALLS NOT SAMPLED
OUTFALL #23 OUTFALL #66 OUTFALL #99
OUTFALL #33 OUTFALL #83
OUTFALL #63 OUTFALL #87

Reason for change: OUTFALLS HAD ~~NOT~~ MSE INSUFFICENT FLOW OR NO FLOW TO ALLOW FOR SAMPLING.

Recommended disposition: CONTINUE MONITORING & IF FLOW INCREASES DURING NEXT EVENT SAMPLING & FIELD READINGS WILL BE TAKEN.

Impact on present and completed work:
NONE

originator
M S Elliott
Scientist

Requested by: Ralph R. Turner (Field/Project ~~Manager~~)

Approval: C M Hooks 11-11-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

~~EXAMPLE~~ MSE OF FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A0137/05JUL95/ASO

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER #01 Field Change No. 2 Page 1 of 1

Project: UEFPC EVENT 3 PART 1

Applicable Document: QAPjP

Description: ADDITION of OUTFALL 73

Reason for change: OUTFALL 73 WAS not in the ORIGINAL QAPjP. OUTFALL 73 WAS DISCHARGING WATER & R.R. Turner requested sampling. NOTE OUTFALL 73 had not FLOWED in EVENTS 1 & 2.

Recommended disposition: ADD to EVENT #4 for sampling if flow is AVAILABLE.

Impact on present and completed work: Additional possible source point.

originator:
M S Elliott
Scientist

Requested by: Ralph R. Turner (Field/Project ~~Manager~~)

Approval: C M Hudson 11-11-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

~~EXAMPLE~~ OF FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

ADS/0510193/ASB

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER001 Field Change No. 1 Page 1 of 1

Project: UEFPC OU1 Event 4 Part 1

Applicable Document: QAPjP

Description: Project required in stream sampling to be done Mid-AM & Mid-PM at Station 8 Since event to be done in 1 day - 1 sample at noon was taken.

Reason for change: Cost Reduction - Time Savings

Recommended disposition:

Impact on present and completed work: None

Requested by: MS Elliott 12/20/93 (Field/Project Manager)

Approval: CA Thacker 12/20/93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

MSE
~~EXAMPLE OF~~ FIELD CHANGE REQUEST FORM

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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A403/05JUL93/ASO

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER001 Field Change No. 2 Page 1 of 1

Project: UEFPC

Applicable Document: QAPjP

Description: SAMPLE OUTFALL 33 AS A FULL SET MINUS CHROME 6 ANALYSIS

Reason for change: OUTFALL 33 HAD NOT FLOWED PAST 3 EVENTS & WAS NOT ANTICIPATED TO FLOW. HAD BOTTLES FOR FULL SET OF PARAMETERS BUT LAB NOT ABLE TO TAKE AS 1 CHROME SAMPLE. TURNER OK'D DROPPING FROM SAMPLE LIST.

Recommended disposition: ~~TEST~~

Impact on present and completed work: NO CHROME 6 FOR OUTFALL 33

Requested by: MB Elliott / 12/20/93 (Field/Project Manager)

Approval: CS Hook 12/20/93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

MSE
~~EXAMPLE OF~~ FIELD CHANGE REQUEST FORM

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A:\05\05111\ASD

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER0001 Field Change No. 1 Page 1 of 1

Project: UEFPC OU 1 4th Event Part 2

Applicable Document: QAPJP

Description: Dropped the following parameters from noted* sites: BNA, Pesticides, PCB and Chrome 6

*Outfalls 150, N/S Pipe, 160, 189, 94&216 use E.W. line

Reason for change: (1) Reduction of time & cost

(2) Sufficient Data from sites during 1-3 events to determine ~~not~~ met no additional data needed.

Recommended disposition:

Impact on present and completed work: minor-med.

Requested by: MS Elliott (Field/Project Manager)

Approval: Clark Hook 12-16-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

~~EXAMPLE~~ MSE OF FIELD CHANGE REQUEST FORM



A:\OU1\05001\SYS\SG

# I N T E R O F F I C E  M E M O R A N D U M

**Date:** 15-Dec-1993 12:12pm EST
**From:** Vicki Jo Brumback
BRUMBACKVJ AT A1 AT OCU1
**Dept:** 7360
**Tel No:** 6-8453

**TO:** Disabled

**Subject:** Feedback from TDEC on dropped parameters for UEFPC OU 1

Project team,

I spoke with Robert Storms of TDEC this morning. Yesterday I sent Jean Ottinger and Robert a fax about our proposal to drop some analyses from the fourth and final UEFPC OU 1 effort because of "no hits" for those analytes during the first three sampling events. Jean and Robert spoke with Doug McCoy and they agree that those analytes should be dropped and indicated that they are always happy to agree to field changes that make sense and save money. I am encouraged by this interaction, because it represents decisions made "real time" by a project team that includes the regulators. I have not heard from Judy Able from EPA regarding the fax, but he agreed to the concept when I mentioned it at the meeting with the regulators on December 8.

Robert did request some information regarding the use of pesticides and herbicides in the plant. He said that they agreed that pesticides could be dropped from our sampling this time, but that if they were in common use at the plant, we should look for them in the future. Does anyone know how I can get the information regarding use of pesticides/herbicides? Please let me know at 6-8453 or e-mail at VYB.

See you in the morning?

Vicki

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ER0001 Field Change No. 2 Page 1 of 1

Project: UEFPC OU1 4th Event Part 2

Applicable Document: QAPjP

Description: Dropped the following parameters from noted * sites; Pesticides, PCB & Chrome 6.

*Sites: Outfall 163, 169, 179 & 190

Reason for change: (1) Reduction in Time & Cost

(2) Sufficient data from events 1-3 to determine no additional data needed.

Recommended disposition:

Impact on present and completed work: MINOR—MED.

Requested by: M S Elliott (Field/Project Manager)

Approval: Charles Hunter 12-16-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

A403/052UI13/ASO

~~EXAMPLE OF~~ FIELD CHANGE REQUEST FORM
MSE

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

QAPjP
Revision: 3
Date: July 1993

## FIELD CHANGE REQUEST FORM

Project No. ERØØ1 Field Change No. 3 Page 1 of 1

Project: UEFPC OU 1 4th EVENT - PART 2

Applicable Document: QAPjP

Description: Although previous 24-h period has been damp, misty, and cloudy, the rain gauge at Bldg. 9769 has not accumulated any measurable ppt. over the last 24-h. This is within the definition of

~~Reason for change~~: a dry-weather event for this sampling. This is documented because during the cloudy conditions of the past 24-h there may have been measurable ppt. in the vicinity

~~Recommended disposition~~: of Oak Ridge.

Impact on present and completed work: None

Requested by: Vicki Brumbaugh Technical Manager (~~Field/Project Manager~~)

Approval: Charles Hoshe 12-16-93 (Energy Systems ER Project Manager)

NOTE: The Energy Systems ER Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Section 3, "Changes", of contract Terms and Conditions.

~~EXAMPLE~~ OF FIELD CHANGE REQUEST FORM
VJB

CDM FEDERAL PROGRAMS CORPORATION
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UPPER EAST FORK POPLAR CREEK
OPERABLE UNIT 1

FIGURE No. 16-1

A:\03\05JUL93\ASO

QAPjP
Revision 3
Addendum 1
Date: August 1993

Y/ER-110
Addendum 1

# ADDENDUM 1 TO REVISION 3 (Y/ER-110) OF THE QUALITY ASSURANCE PROJECT PLAN FOR DRY WEATHER SURFACE WATER AND SEDIMENT SAMPLING AT OPERABLE UNIT 1, UPPER EAST FORK POPLAR CREEK AT THE OAK RIDGE Y-12 PLANT, OAK RIDGE, TENNESSEE

QAPjP
Revision 3
Addendum 1
Date: August 1993

# PREFACE

The Upper East Fork Poplar Creek Dry Weather Surface Water CERCLA sampling activity is attempting to gather multi-sampling point data along Upper East Fork Poplar Creek (UEFPC) during eight different one or two day sampling efforts. This Addendum 1 (issued August 1993) to Revision 3 (issued July 1993) of the Quality Assurance Project Plan summarizes modifications and lessons learned from the first sampling effort (conducted July 10-11 below the North/South Pipe). This addendum therefore supersedes the QAPjP issued in July 1993 for the text and tables denoted in the next several pages and should be adhered to during the next phase of sampling (planned for August 14, 15, 21, or 22 (depending on weather) above the North/South Pipe). The original QAPjP (Revision 3) should be adhered to, otherwise. In other words, this addendum does not replace the QAPjP; it supplements the QAPjP and provides revised language as appropriate to reflect current requirements, conditions, and intentions.

As necessary, additional addenda may be prepared prior to conducting each of the remaining sampling efforts. For the original QAPjP signature approval was requested from CDM Federal Programs personnel and also from the Department of Energy personnel responsible for oversight of this project. Because CDM Federal Programs personnel did not prepare this addendum their signatures are not required for the changes. And because of the minor modifications to the QAPjP presented in this addendum, only Energy Systems personnel were requested to provide approval, and not DOE personnel. This decision was made according to the instructions in ER/C- P1103.

QAPjP
Revision 3
Addendum 1
Date: August 1993

Field and Laboratory Quality
Assurance Project Plan

Project Title: Dry Weather Surface Water and Sediment Sampling at Operable Unit 1 Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee

Addendum
Prepared By: Y-12 Environmental Restoration
Martin Marietta Energy Systems, Inc.

Approved By: _____ 8/12/93
Energy Systems ER Site Program Manager — Date

Approved By: _____ 8/12/93
Energy Systems ER Site Project Manager — Date

Approved By: _____ 8/12/93
Donald C. White (Change #4, 5, 6, 9, 11, 13) 8/13/93
Energy Systems ER Site QA Specialist — Date

QAPjP
Revision 3
Addendum 1
Date: August 1993

(1) Page 1-3, Modification to the fourth sentence of the first paragraph

CDM Federal Programs will not provide personnel to observe the second sampling event because of the lack of badging. An effort is in progress to have key CDM Federal cleared and badged for entry in the protected and exclusions areas of the plant with proper escort. Y-12 ER is responsible for this effort.

(2) Page 2-2, Modification to the third sentence of the third paragraph

Delete the third sentence and in its place put: "An Operations Safety Work Permit UCN-3694 will be prepared before dry weather sampling above the North/South pipe (due to the requirement for confined space entry (into manholes) at all sampling locations). A Confined Space Entry Committee assembled and visited each site/sampling location before determining that work could be conducted in this manner. Either an Operations Safety Work Permit or a Health and Safety Plan will be prepared before wet weather sampling."

(3) Page 2-5, Modification to the third sentence of the first paragraph of Section 2.3

Delete the third sentence and in its place put: "For the sampling event above the North/South Pipe, there will be three components to the sampling team: (1) a preparation subteam to prepare the sampling sites for entry and to conduct sampling site closure, (2) a manhole entry subteam that will actually be down in the manholes and working as attendants for confined space entry, and (3) a support subteam at the manhole during sampling to conduct field analyses and transport samples to the lab."

(4) Page 2-5, Modification to the first paragraph of Section 2.3

The following sentence should be added as the fifth sentence in the paragraph: "Anytime the FTM is not at the sampling site, the project scientist will assume the role of overseeing field activities."

(5) Page 2-6, Bullet number 6

Marlene Prater will be serving in the role of Health and Safety Officer for the second sampling event.

(6) Page 2-6, Modification to the first paragraph of Section 2.4

The following sentence should be added as the second sentence in the paragraph: "Anytime the FTM is not at the sampling site, the project scientist will assume the role of overseeing field activities."

10/4/93
8/14/93

QAPjP
Revision 3
Addendum 1
Date: August 1993

(7) Page 4-3, Modification to Table 4-2

Based on two surveys of several manholes located above the North/South Pipe conducted in late July and early August by Ralph Turner (the Project Scientist) and Mike Elliot (a representative of the sampling team) and others, the following modifications are proposed:

- Delete sampling point 187
- Add sampling points e3315 (manhole number) and 179

Therefore, the following list contains the proposed sampling points for the second sampling event:

- North/South Pipe (to be sampled twice, once in AM and once in PM)
- Outfall 163
- Outfall 150 (B/H9422-10)
- Outfall 160 (B/H9422-11)
- Outfall 169
- Outfall 179 (B/H9422-15)
- Manhole e3315 (B/H9422-16)
- Outfall 189
- Outfall 190
- Sampling point on the main trunk line just above outfalls 189 and 190 (West EFPC Line)

This total of eleven sampling points (counting the North/South Pipe twice) indicates that two duplicates will also be collected (i.e., 10% duplicates).

(8) Page 4-5, Modification to the first sentence of the second paragraph

Because of the variability of flow (i.e., possibility of dry outfalls), this sentence should be modified to read, "For the outfalls to be sampled above the N/S Pipe, all parameters and flow will be measured at each location for each sampling event as flow allows."

(9) Page 5-2, Modification to Hexavalent Chromium row in Table 5-1

The sample containers used for collection of hexavalent chromium should be 250 mL polyethylene with polyethylene closure instead of 500 mL glass. (This changes does not mean the samples collected for hexavalent chromium analysis during the first sampling event are invalid. The Federal Register indicates that either glass or polyethylene bottles may be used to collect samples for hexavalent chromium analysis. When the original QAPjP was prepared the Energy System procedure governing this analysis required that glass bottles be used. Since then, the procedure has been modified to allow the use of polyethylene. The very short holding times required for hexavalent chromium coupled with the potential for breakage of glass bottles resulted in the project team deciding to make a change from glass to polyethylene.)

QAPjP
Revision 3
Addendum 1
Date: August 1993

(10) Page 5-3, Modification of Pesticides/PCBs row in Table 5-1

For Pesticides and PCBs analysis 5 500-mL bottles should be collected.

(11) Page 5-4, Modification of BOD and Isotopic Uranium/Total Uranium rows in Table 5-1

The method number for isotopic uranium and total uranium is Y/P65-7165. The reference to Y/P65-7164 should be deleted.

For BOD analysis, 2 1-L bottles should be collected.

(12) Page 5-5, Modification of Ammonia, Oil and Grease, and Conductivity rows in Table 5-1

For ammonia analysis 2 1-L bottles should be collected.

For Oil and Grease analysis 3 1-L bottles should be collected.

The Conductivity row should be deleted. Samples will no longer be collected to send to the ASO laboratory for conductivity analysis.

(13) Pages 5-13 and 5-14, Modification of MDL column for several ICP and AA metals listed in Table 5-3

The following changes should be made for the Method Detection Limits for each metal listed (all units are still ug/L):

Aluminum - 4.6
Barium - 0.7
Beryllium - 0.02
Boron - 4.3
Cadmium - 0.3
Calcium - 13
Cerium - 6.3
Chromium - 0.8
Cobalt - 0.6
Copper - 0.7
Gallium - 5.3
Iron - 1.7
Lithium - 0.2
Manganese - 0.07
Magnesium - 6.0
Molybdenum - 1.8
Nickel - 1.5
Niobium - 3.3
Potassium - 250
Silver - 1.0
Strontium - .05
Thorium - 2.8
Thallium - 5.0
Titanium - 0.8
Vanadium - 0.9
Zinc - 3.8
Sodium - 4.0

After the original QAPjP was prepared (but prior to the first sampling event) the analytical machinery in the Y-12 Analytical Service Organization was put through routine maintenance. This maintenance resulted in a resetting of the Method Detection Limits for some of the metals. During data validation the concentrations in the samples from the first sampling event should be compared to the modified MDLs presented in this addendum.

(14) Page 9-3, Modification to the first sentence of the last paragraph

The field forms mentioned in this sentence are located in Appendix C not Appendix B of Revision 3. Based on suggestions by the Project Scientists and the Field Task Manager these forms have been modified. The new forms are attached as part of this addendum.

(15) Page 10-1, Clarification of the first bullet describing trip blanks

As part of the surveillance conducted by the QA/QC Officer during the first sampling effort, a negative observation was documented relative to trip blanks. As a result the following sentence should be added for clarification: "The trip blank will be transferred to the laboratory as each batch of VOA samples are transmitted and a new trip blank will be placed in the cooler prior to the collection of another batch of VOA samples."

(16) Pages 13-1 and 13-2, Clarification of Nonconformance Reporting

Project personnel are to use the Nonconformance Report Form on page 13-2 to document nonconformances. In addition, the last sentence of Section 13.1 should be modified to read, "All nonconformances originated by CDM Federal, other subcontractors, or other Energy Systems organizations are required to be reported immediately to the Y-12 ER Project Manager and the Y-12 ER QA Specialist."

PROJECT NAME UEFPC/OU1 Dry Weather Sampling

FIELD FORM #____-A
PAGE 1 OF 2

Site_____ Location_____

Date(mm/dd/yy)_____ Time (military)_____

**Water Quality Measurements**

Field Team (Water Quality Measurements) _____
_____

Instrument I.D.

pH _____ (temperature compensated: y or n) I.D. _____

conductance_____ (temperature compensated: y or n) I.D. _____
scale (if applicable) _____ Units (µS or mS) _____
if not temperature compensated, then corrected conductance _____ *(office calculation)*

T° (degrees Celsius) _____ I.D. _____

Total Residual $Cl_2$_____ I.D. _____

---

**Flow Rate Measurements**

Team/Operator (Flow Measurements) _____
_____

Outfall Number_____ Pipe Diameter (in.) _____ Material _____
Time of Flow Measurement (military time) _____

Method: Bucket Gauge _____ Area Velocity _____ Other _____
If other, specify _____
If other, include additional details (e.g., cross-section sketch) on next page.

**Bucket Gauge:**

Volume filled (indicate units) _____ _____ _____ _____ _____ _____
Time to fill (indicate units) _____ _____ _____ _____ _____ _____
Calculated average time to fill unit volume (*office calculation*) _____
Flow rate (*office calculation*) _____

**Area Velocity:** (If applicable, include cross-section sketch and relevant comments on next page.)

Instrument I.D. _____
Operator_____

| | units | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Position | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | |
| Velocity | | | | | | | | | | | | | |

Flow rate (*office calculation*) _____

Field Team Leader _____ Date_____

PROJECT NAME UEFPC/OU1 Dry Weather Sampling

FIELD FORM #____-A
PAGE 2 OF 2

Cross-Section Sketch (above)

Additional Comments:

Field Team Leader _____ Date_____

**PROJECT NAME** UEFPC/OU1 Dry Weather Sampling

**FIELD FORM #____-B**
**WATER SAMPLES**

Site _____ Location _____

Date (mm/dd/yy) _____ Time (military) _____

Sampling Team: _____

_____

Type: Grab__ Composite__

**CHECK BOXES IN TABLE BELOW IF ACTION HAS BEEN COMPLETED:**

| Sample Analysis | Sampled | Filtered | Field Preserved | |
|---|---|---|---|---|
| Total Mercury | | | $HNO_3$ to pH <2 | |
| Dissolved Mercury | | | $HNO_3$ to pH <2 | |
| Total Metals | | | $HNO_3$ to pH <2 | |
| Dissolved Metals | | | $HNO_3$ to pH <2 | |
| Chromium (VI) | | | Cool to 4°C | |
| Anions ($SO_4$, Cl, Br) | | | Cool to 4°C | |
| Fluoride | | | None | |
| Nutrients ($NO_3$-N, $NO_2$-N, *o*-phosphate-P) | | | Cool to 4°C | |
| Ammonia | | | Cool to 4°C<br>$H_2SO_4$ to pH <2 | |
| VOCs | | | HCl to pH <2*<br>Cool to 4°C | |
| Semi-volatiles | | | Cool to 4°C | |
| Pesticides, PCBs | | | Cool to 4°C | |
| Radiologicals (gross $\alpha$, gross $\beta$, etc.) | | | $HNO_3$ to pH <2 | |
| BOD | | | Cool to 4°C | |
| COD | | | Cool to 4°C<br>$H_2SO_4$ to pH <2 | |
| TOC | | | Cool to 4°C<br>$H_2SO_4$ to pH <2 | |
| TDS/TSS | | | Cool to 4°C | |
| Alkalinity | | | Cool to 4°C | |
| Oil & Grease | | | HCl to pH<2 | |
| Conductivity | | | Cool to 4°C | |

*Two of four vials acidified; two left unacidified.

Remarks: _____

_____

_____

Field Team Leader _____ Date _____

QAPjP
Revision 3
Addendum 2
Date: September 1993

Y/ER-110
Addendum 2

# ADDENDUM 2 TO REVISION 3 (Y/ER-110) OF THE QUALITY ASSURANCE PROJECT PLAN FOR DRY WEATHER SURFACE WATER AND SEDIMENT SAMPLING AT OPERABLE UNIT 1, UPPER EAST FORK POPLAR CREEK AT THE OAK RIDGE Y-12 PLANT, OAK RIDGE, TENNESSEE

QAPjP
Revision 3
Addendum 2
Date: September 1993

# PREFACE

The Upper East Fork Poplar Creek Dry Weather Surface Water CERCLA sampling activity is attempting to gather multi-sampling point data along Upper East Fork Poplar Creek (UEFPC) during eight different one or two day sampling efforts. This Addendum 2 (issued September 1993) to Addendum 1 (issued August 1993) and Revision 3 (issued July 1993) of the Quality Assurance Project Plan summarizes modifications based on the project team's experiences during the first sampling efforts (conducted July 10-11 below the North/South Pipe and August 14 above the North/South Pipe). This addendum therefore modifies the QAPjP and Addendum 1 for only the text and tables denoted in the referenced pages and should be adhered to during the next phases of sampling. The original QAPjP (Revision 3) and Addendum 1 should be adhered to, otherwise.

One of the major realizations made by the project team during the first two sampling events was the need to conduct the sampling over at least a two-day period instead of the one-day sampling originally planned. The number of sampling points, access difficulties, and the number of analyses required combine to make a one-day sampling effort of this magnitude difficult. Therefore, the project team will attempt to conduct the sampling events below the North/South Pipe in two segments: one day sampling will be conducted from the Oil Skimmer location to roughly Station 8 and the other day will focus on the area from Station 8 to the North/South Pipe. This approach will allow a mass balance to be made on the two segments of the creek. The two-day sampling events will be conducted within the same dry weather period.

As necessary, additional addenda may be prepared prior to conducting each of the remaining sampling efforts. For the original QAPjP, signature approval was requested from CDM Federal Programs personnel and also from the Department of Energy personnel responsible for oversight of this project. Because CDM Federal Programs personnel did not prepare this addendum their signatures are not required for the changes. And because of the minor modifications to the QAPjP presented in this addendum, only Energy Systems personnel were requested to provide approval and not DOE personnel. This decision was made according to the instructions in ER/C- P1103.

QAPjP
Revision 3
Addendum 2
Date: September 1993

Field and Laboratory Quality
Assurance Project Plan

Project Title: Dry Weather Surface Water and Sediment Sampling at Operable Unit 1 Upper East Fork Poplar Creek at the Oak Ridge Y-12 Plant, Oak Ridge, Tennessee

Addendum
Prepared By: Y-12 Environmental Restoration
Martin Marietta Energy Systems, Inc.

Approved By: _____ 9/9/93
Energy Systems ER Site Program Manager Date

Approved By: _____ 9-9-93
Energy Systems ER Site Project Manager Date

Approved By: _____ 9-10-93
Energy Systems ER Site QA Specialist Date

QAPjP
Revision 3
Addendum 2
Date: September 1993

MODIFICATION AND ADDITION TO Y/ER-110, REV. 3

(1) Page 3-8, Table 3-2, Method Numbers for Hexavalent Chromium and Isotopic/Total Uranium

The method to be used for analysis of hexavalent chromium in water is EPA 218.4.

The method to be used for analysis of Isotopic and Total Uranium in water is Y/P65-7165. The reference to Y/P65-7164 (a soil preparation method) should be deleted.

(2) Page 4-5, Addition of sampling procedure, ESP 301-3.

ISCO automatic samplers used according to ESP 301-3 may be used at confined space entry outfalls for the filling of plastic bottles. This method will 1) reduce the amount of time the samplers will need to be in confined space, 2) minimize the disturbance in flow, and 3) increase the efficiency of the project team.

An equipment blank using ASTM Type II water will be collected after cleaning and prior to the use of the ISCO sampler for all the analytical parameters that could be affected by this equipment. The procedure establishing the cleaning requirements for this equipment is ESP 900.

MODIFICATIONS TO Y/ER-110, REV. 3, ADDENDUM 1

(1) Page 4, Modification #5

Marlene Prater will be serving in the role of Health and Safety Officer for the remaining sampling events.

(2) Page 6, Modification #10

For Pesticides and PCBs analysis 5 500-mL bottles should be collected for those sample points designated for MS/MSD analysis, else 4 500-mL bottles should be collected.

(3) Page 6, Modification #11, Part 2

For BOD analysis, 2 1-L bottles should be collected for those sample points designated for MS/MSD analysis, else 1 1-L bottle should be collected.

(4) Page 6, Modification #12, Parts 1 and 2

For ammonia analysis 2 1-L bottles should be collected for those samples points designated for MS/MSD analysis, else 1 1-L bottle should be collected.

For Oil and Grease analysis 3 1-L bottles should be collected for those sample points designated for MS/MSD analysis, else 2 1-L bottles should be collected.

**OUT-OF-CONTROL FORM**
**Analytical Services Organization**

e: 10/28/93 | Project Name: UEFPC GW1 | Sample Number: E93292@115, E93300@036, E93292@191 ~~E93292@091~~ Eng 10/29/93

inquishing Personnel: Mike Elliott | Receiving Personnel: J.M Gilbert

-of-Control Situation:

Sample E93300@036 was received with sample E93292@115 Sample E93292@191 was brought to the lab at 9:05 with these samples except for metals bottles, therefore it was not officially received until 12:15.

rective Action:

Waited to receive E93292@191 until all bottles were accounted for.

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| Inquisher's Signature | Date/Time | Dept. | Building | Phone | Receiving Personnel Signature | Date/Time | Dept. | Building | Phone |
|---|---|---|---|---|---|---|---|---|---|
| M Elliott | 10/29/93 1505 | 2366 | 9207 | 6-3815 | Janice M. Gilbert | 10/29/93 15:03 | 7272 | 4764 | 4-6334 |

**OUT-OF-CONTROL FORM**
**Analytical Services Organization**

| | | |
|---|---|---|
| e: 10/29/93 | Project Name: UEFPCOU1 | Sample Number: E93292 00:16 |
| linquishing Personnel: Mike Elliott | Receiving Personnel: JM Gilbert | |

t-of-Control Situation:

Oil and Grease bottle was sampled at 9:45 am, but was not preserved until 11 40

rrective Action:

Sample was ~~not~~ first preserved 10/29/93 with 1:1 HCl which had been tested

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| linquisher's Signature | Date/Time | Dept. | Building | Phone | Receiving Personnel Signature | Date/Time | Dept. | Building | Phone |
|---|---|---|---|---|---|---|---|---|---|
| MS Elliott | 10/29/93 1458 | 23606 | 9207 | 6-2815 | Janice M. Hatch | 10/29/93 11 35 | 7222 | 9769 | 11-6351 |

**OUT-OF-CONTROL FORM**
**Analytical Services Organization**

| | | |
|---|---|---|
| Date: 12/7/93 | Project Name: UEFPC011 | Sample Number: E93320020Z |
| Relinquishing Personnel: Mike Elliott | Receiving Personnel: JM Gilbert | |

**Out-of-Control Situation:**

4 liter bottle was not preserved at sample receipt.

**Corrective Action:**

Preserved bottle with 24 ml of 1:1 HNO3 (Lot # G100490)

| Relinquisher's Signature | Date/Time | Dept. | Building | Phone | Receiving Personnel Signature | Date/Time | Dept. | Building | Phone |
|---|---|---|---|---|---|---|---|---|---|
| M. D. Elliott | 12/7/93 1730 | 2366 | 9207 | 6-2815 | Janice M. Gilbert | 12/7/93 17:30 | 7222 | 9769 | 4-6334 |

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