

# **Rocky Flats Site, Colorado, Surface Water Configuration Adaptive Management Plan Quarterly Report**

## **Third Quarter Calendar Year 2025**

**October 2025**



U.S. DEPARTMENT OF  
**ENERGY**

Legacy  
Management

## Contents

|                                                  |    |
|--------------------------------------------------|----|
| Abbreviations .....                              | ii |
| 1.0 Introduction .....                           | 1  |
| 2.0 AMP Highlights: Third Quarter CY 2025 .....  | 2  |
| 3.0 Analytical Data: Third Quarter CY 2025 ..... | 2  |
| 4.0 References .....                             | 2  |

## Tables

|                                                             |                  |
|-------------------------------------------------------------|------------------|
| Table 1. Analytical Results for Water Samples .....         | At end of report |
| Table 2. Water Sampling Events: Third Quarter CY 2025 ..... | At end of report |

## Abbreviations

|     |                           |
|-----|---------------------------|
| AMP | Adaptive Management Plan  |
| CY  | calendar year             |
| DOE | U.S. Department of Energy |
| EA  | Environmental Assessment  |

## 1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment* (DOE 2011), hereafter referred to as the Environmental Assessment (EA), is to breach the remaining retention pond dams at the Rocky Flats Site, Colorado, to allow surface water flow to return to the approximate conditions that prevailed before the retention ponds were constructed. As stated in the EA, based on extensive water quality monitoring data and a thorough environmental review, the U.S. Department of Energy (DOE) Office of Legacy Management has determined that the Proposed Action does not present a significant impact on the environment under the National Environmental Policy Act evaluation criteria.

Public comments received during the EA process included requests that additional information be collected before the final steps of the Proposed Action to help reduce uncertainty about whether completion of the Proposed Action will adversely impact the quality of water flowing from the Site into downstream community watersheds. In response, DOE initiated a cooperative effort with neighboring community representatives and other interested stakeholders to develop and implement an Adaptive Management Plan (AMP) to provide additional information. The AMP group is composed of these representatives and stakeholders. The resulting AMP document, the *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado* (DOE 2023), first published in 2011, reflects DOE's long-term commitment to implementing the activities presented in the AMP.

The AMP provides a monitoring and data evaluation program to assist in deciding when to implement the final steps of the Proposed Action, which include breaching the terminal dams. The terminal dams will be operated in a flow-through condition until the completion of the Proposed Action, which will provide data similar to what can be expected postbreach. In addition to the monitoring program, the AMP identifies certain performance indicators that DOE will consider in deciding whether to adjust the time frame for completing the Proposed Action.

This AMP Quarterly Report for the third quarter of calendar year (CY) 2025 is provided in accordance with Section 5.0, "Reporting," of the AMP. Section 3.0 of this report describes the third quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available as of September 30, 2025. Subsequent AMP reports will include data that were not tabulated in previous AMP reports.

AMP monitoring objectives, locations, and sampling criteria are itemized in Table 2 of the AMP document. Additional field implementation for the AMP monitoring objectives can be found in the *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado* (DOE 2025).

This quarterly report routinely includes analytical data for the following AMP monitoring objectives (listed in Table 2 of the AMP document):

- Predischage sampling (Item 1, AMP Table 2)
- Targeted groundwater monitoring (Item 2, AMP Table 2)
- Monitoring to evaluate flow-through operations at terminal Ponds A-4, B-5, and C-2 (Item 4, AMP Table 2)

- Storm-event monitoring (Item 5, AMP Table 2)
- Continuous flow-paced composite sampling to evaluate uranium transport (Item 6, AMP Table 2)
- Grab sampling for uranium in North and South Walnut Creeks (Item 7, AMP Table 2)
- Grab sampling for nitrate + nitrite as nitrogen in North Walnut Creek (Item 8, AMP Table 2)

## 2.0 AMP Highlights: Third Quarter CY 2025

- AMP participants met on July 31, 2025, to discuss modification to the AMP (DOE 2023). This meeting satisfied the 2-year review requirement for AMP provisions and implementation.
- During the quarter, four samples were collected in support of AMP monitoring objectives.

## 3.0 Analytical Data: Third Quarter CY 2025

Analytical data for the third quarter of CY 2025 are provided in Tables 1 and 2 (at the end of this report). Table 1 provides the analytical results, and Table 2 lists the water sampling events of the quarter.

## 4.0 References

DOE (U.S. Department of Energy), 2011. *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment*, DOE/EA-1747, LMS/RFS/S06335, Office of Legacy Management, May.

DOE (U.S. Department of Energy), 2023. *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado*, LMS/RFS/S07698, Rev. 6, Office of Legacy Management, September.

DOE (U.S. Department of Energy), 2025. *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado*, LMS/RFS/S08202-5.0, Office of Legacy Management, September.

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|--------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.49   | ug/L  | J              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 127-18-4            | Tetrachloroethene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 108-88-3            | Toluene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 1330-20-7           | Total Xylenes                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 79-01-6             | Trichloroethene               | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 7440-61-1           | Uranium                       | Y                 | 81     | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00193         | WL            | 4/14/25      | RFS01-10.2504075-053 | 75-01-4             | Vinyl chloride                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.36   | ug/L  | J              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.089  | mg/L  | J              | F           | 0.06            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 127-18-4            | Tetrachloroethene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 108-88-3            | Toluene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 1330-20-7           | Total Xylenes                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 79-01-6             | Trichloroethene               | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|--------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 7440-61-1           | Uranium                       | Y                 | 29     | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| 00997         | WL            | 4/15/25      | RFS01-10.2504075-028 | 75-01-4             | Vinyl chloride                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.14   | mg/L  | J              | F           | 0.06            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 127-18-4            | Tetrachloroethene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 108-88-3            | Toluene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 1330-20-7           | Total Xylenes                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 79-01-6             | Trichloroethene               | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 7440-61-1           | Uranium                       | Y                 | 21     | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| 4087          | WL            | 4/16/25      | RFS01-10.2504075-022 | 75-01-4             | Vinyl chloride                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.4    | ug/L  | J              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06   | mg/L  | U              | F           | 0.06            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 127-18-4            | Tetrachloroethene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 108-88-3            | Toluene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|--------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 1330-20-7           | Total Xylenes                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 79-01-6             | Trichloroethene               | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 7440-61-1           | Uranium                       | Y                 | 13     | ug/L  |                | F           | 0.25            |              | F                          | G                 | STD      |
| 10304         | WL            | 4/14/25      | RFS01-10.2504075-027 | 75-01-4             | Vinyl chloride                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.063  | mg/L  | J              | F           | 0.06            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 127-18-4            | Tetrachloroethene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 108-88-3            | Toluene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 1330-20-7           | Total Xylenes                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 79-01-6             | Trichloroethene               | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 7440-61-1           | Uranium                       | Y                 | 80     | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| 10594         | WL            | 4/15/25      | RFS01-10.2504075-021 | 75-01-4             | Vinyl chloride                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.45   | ug/L  | J              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 71-43-2             | Benzene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 75-25-2             | Bromoform                     | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 108-90-7            | Chlorobenzene                 | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 67-66-3             | Chloroform                    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 74-87-3             | Chloromethane                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 100-41-4            | Ethylbenzene                  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 75-09-2             | Methylene chloride            | N                 | 1      | ug/L  | U              | F           | 1               |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 91-20-3             | Naphthalene                   | N                 | 1      | ug/L  | U              | F           | 1               |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 100-42-5            | Styrene                       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                   | FILTRATION STATUS | RESULT | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|---------------------------|-------------------|--------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 127-18-4            | Tetrachloroethene         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 108-88-3            | Toluene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 1330-20-7           | Total Xylenes             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 156-60-5            | trans-1,2-Dichloroethene  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 79-01-6             | Trichloroethene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 7440-61-1           | Uranium                   | Y                 | 25     | ug/L  |                | F           | 0.25            |              | F                          | G                 | STD      |
| 11104         | WL            | 4/14/25      | RFS01-10.2504075-051 | 75-01-4             | Vinyl chloride            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | F                          | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 71-55-6             | 1,1,1-Trichloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 79-34-5             | 1,1,2,2-Tetrachloroethane | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 79-00-5             | 1,1,2-Trichloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 75-35-4             | 1,1-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 120-82-1            | 1,2,4-Trichlorobenzene    | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 95-50-1             | 1,2-Dichlorobenzene       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 107-06-2            | 1,2-Dichloroethane        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 78-87-5             | 1,2-Dichloropropane       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 541-73-1            | 1,3-Dichlorobenzene       | N                 | 0.47   | ug/L  | J              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 106-46-7            | 1,4-Dichlorobenzene       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 71-43-2             | Benzene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 75-25-2             | Bromoform                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 56-23-5             | Carbon tetrachloride      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 108-90-7            | Chlorobenzene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 67-66-3             | Chloroform                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 74-87-3             | Chloromethane             | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 156-59-2            | cis-1,2-Dichloroethene    | N                 | 1.1    | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 100-41-4            | Ethylbenzene              | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 87-68-3             | Hexachlorobutadiene       | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 75-09-2             | Methylene chloride        | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 91-20-3             | Naphthalene               | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 100-42-5            | Styrene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 127-18-4            | Tetrachloroethene         | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 108-88-3            | Toluene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 1330-20-7           | Total Xylenes             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 156-60-5            | trans-1,2-Dichloroethene  | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 79-01-6             | Trichloroethene           | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 42505         | WL            | 4/15/25      | RFS01-10.2504075-016 | 75-01-4             | Vinyl chloride            | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 71-55-6             | 1,1,1-Trichloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 79-34-5             | 1,1,2,2-Tetrachloroethane | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 79-00-5             | 1,1,2-Trichloroethane     | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 75-35-4             | 1,1-Dichloroethene        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 120-82-1            | 1,2,4-Trichlorobenzene    | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 95-50-1             | 1,2-Dichlorobenzene       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 107-06-2            | 1,2-Dichloroethane        | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 78-87-5             | 1,2-Dichloropropane       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 541-73-1            | 1,3-Dichlorobenzene       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 106-46-7            | 1,4-Dichlorobenzene       | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 71-43-2             | Benzene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 75-25-2             | Bromoform                 | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 56-23-5             | Carbon tetrachloride      | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 108-90-7            | Chlorobenzene             | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 67-66-3             | Chloroform                | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 74-87-3             | Chloromethane             | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 156-59-2            | cis-1,2-Dichloroethene    | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 100-41-4            | Ethylbenzene              | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 87-68-3             | Hexachlorobutadiene       | N                 | 0.5    | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 75-09-2             | Methylene chloride        | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 91-20-3             | Naphthalene               | N                 | 1      | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 100-42-5            | Styrene                   | N                 | 0.25   | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT  | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|---------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 127-18-4            | Tetrachloroethene             | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 108-88-3            | Toluene                       | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 1330-20-7           | Total Xylenes                 | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 79-01-6             | Trichloroethene               | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| 89104         | WL            | 4/16/25      | RFS01-10.2504075-035 | 75-01-4             | Vinyl chloride                | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| A1EFF         | SL            | 4/30/25      | RFS01-04.2504153-004 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U *            | F           | 0.06            |              |                            | G                 | STD      |
| A1EFF         | SL            | 4/30/25      | RFS01-04.2504153-004 | 7440-61-1           | Uranium                       | N                 | 31      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| A1EFF         | SL            | 5/19/25      | RFS01-04.2505155-004 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| A1EFF         | SL            | 5/29/25      | RFS01-04.2506156-004 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.18    | mg/L  | J              | F           | 0.06            |              |                            | G                 | STD      |
| A1EFF         | SL            | 5/29/25      | RFS01-04.2506156-004 | 7440-61-1           | Uranium                       | N                 | 7.8     | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| A1EFF         | SL            | 6/16/25      | RFS01-04.2506157-001 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U              | F           | 0.06            |              | J                          | G                 | STD      |
| A2EFF         | SL            | 4/30/25      | RFS01-04.2504153-005 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U *            | F           | 0.06            |              |                            | G                 | STD      |
| A2EFF         | SL            | 4/30/25      | RFS01-04.2504153-005 | 7440-61-1           | Uranium                       | N                 | 52      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| A2EFF         | SL            | 5/19/25      | RFS01-04.2505155-005 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| A2EFF         | SL            | 5/29/25      | RFS01-04.2506156-005 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| A2EFF         | SL            | 5/29/25      | RFS01-04.2506156-005 | 7440-61-1           | Uranium                       | N                 | 9.7     | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| A3EFF         | SL            | 5/29/25      | RFS01-04.2506156-006 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06    | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| A3EFF         | SL            | 5/29/25      | RFS01-04.2506156-006 | 7440-61-1           | Uranium                       | N                 | 12      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 71-55-6             | 1,1,1-Trichloroethane         | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 79-34-5             | 1,1,2,2-Tetrachloroethane     | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 79-00-5             | 1,1,2-Trichloroethane         | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 75-35-4             | 1,1-Dichloroethene            | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 120-82-1            | 1,2,4-Trichlorobenzene        | N                 | 0.5     | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 95-50-1             | 1,2-Dichlorobenzene           | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 107-06-2            | 1,2-Dichloroethane            | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 78-87-5             | 1,2-Dichloropropane           | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 541-73-1            | 1,3-Dichlorobenzene           | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 106-46-7            | 1,4-Dichlorobenzene           | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 71-43-2             | Benzene                       | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 75-25-2             | Bromoform                     | N                 | 0.5     | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 56-23-5             | Carbon tetrachloride          | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 108-90-7            | Chlorobenzene                 | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 67-66-3             | Chloroform                    | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 74-87-3             | Chloromethane                 | N                 | 0.5     | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 156-59-2            | cis-1,2-Dichloroethene        | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 100-41-4            | Ethylbenzene                  | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 87-68-3             | Hexachlorobutadiene           | N                 | 0.5     | ug/L  | U              | F           | 0.5             |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 75-09-2             | Methylene chloride            | N                 | 1       | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 91-20-3             | Naphthalene                   | N                 | 1       | ug/L  | U              | F           | 1               |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 5.7     | mg/L  |                | F           | 0.12            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 100-42-5            | Styrene                       | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 127-18-4            | Tetrachloroethene             | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 108-88-3            | Toluene                       | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 1330-20-7           | Total Xylenes                 | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 156-60-5            | trans-1,2-Dichloroethene      | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 79-01-6             | Trichloroethene               | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 7440-61-1           | Uranium                       | Y                 | 100     | ug/L  |                | F           | 0.25            |              | FQ                         | G                 | STD      |
| B206989       | WL            | 4/16/25      | RFS01-10.2504075-023 | 75-01-4             | Vinyl chloride                | N                 | 0.25    | ug/L  | U              | F           | 0.25            |              | FQ                         | G                 | STD      |
| B3OUTFLOW     | SL            | 4/30/25      | RFS01-04.2504153-007 | 7440-61-1           | Uranium                       | N                 | 18      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| B3OUTFLOW     | SL            | 5/29/25      | RFS01-04.2506156-007 | 7440-61-1           | Uranium                       | N                 | 9.5     | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| B5INFLOW      | SL            | 1/6/25       | RFS01-04.2505154-008 | 7440-61-1           | Uranium                       | N                 | 16      | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| B5INFLOW      | SL            | 4/29/25      | RFS01-02.2505072-003 | 7440-61-1           | Uranium                       | N                 | 14      | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| B5INFLOW      | SL            | 5/7/25       | RFS01-04.2506156-017 | 7440-61-1           | Uranium                       | N                 | 8.4     | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| B5INFLOW      | SL            | 5/22/25      | RFS01-02.2506074-003 | 7440-61-1           | Uranium                       | N                 | 5.6     | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| B5INFLOW      | SL            | 5/29/25      | RFS01-04.2506156-008 | 7440-61-1           | Uranium                       | N                 | 7.2     | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-001 | 14596-10-2          | Americium-241                 | N                 | 0.00921 | pCi/L | U              | D           |                 | 0.0107       |                            | C                 | GEN      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT   | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|----------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-003 | 14596-10-2          | Americium-241                 | N                 | -0.00393 | pCi/L | U              | F           |                 | 0.0128       |                            | C                 | GEN      |
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-001 | PU-239,240          | Plutonium-239, 240            | N                 | 0.0126   | pCi/L | U              | D           |                 | 0.0116       |                            | C                 | GEN      |
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-003 | PU-239,240          | Plutonium-239, 240            | N                 | 0.0142   | pCi/L | U              | F           |                 | 0.0112       |                            | C                 | GEN      |
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-001 | 7440-61-1           | Uranium                       | N                 | 13.7     | ug/L  |                | D           | 0.067           |              |                            | C                 | GEN      |
| GS08          | SL            | 5/8/24       | RFS01-05.2505060-003 | 7440-61-1           | Uranium                       | N                 | 13.9     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| GS08          | SL            | 5/8/25       | RFS01-13.2505135-006 | 14596-10-2          | Americium-241                 | N                 | 0.0111   | pCi/L | U              | F           |                 | 0.00852      |                            | C                 | GEN      |
| GS08          | SL            | 5/8/25       | RFS01-13.2505135-006 | PU-239,240          | Plutonium-239, 240            | N                 | 0.00751  | pCi/L | U              | F           |                 | 0.0076       |                            | C                 | GEN      |
| GS08          | SL            | 5/8/25       | RFS01-13.2505135-006 | 7440-61-1           | Uranium                       | N                 | 14.3     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| GS08          | SL            | 5/29/25      | RFS01-04.2506156-010 | 7440-61-1           | Uranium                       | N                 | 14       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS10          | SL            | 4/30/25      | RFS01-04.2504153-011 | 7440-61-1           | Uranium                       | N                 | 28       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS10          | SL            | 5/29/25      | RFS01-04.2506156-011 | 7440-61-1           | Uranium                       | N                 | 12       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS10          | SL            | 6/26/25      | RFS01-04.2506158-007 | 7440-61-1           | Uranium                       | N                 | 13       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS11          | SL            | 5/8/24       | RFS01-05.2505060-004 | 14596-10-2          | Americium-241                 | N                 | -0.0036  | pCi/L | U              | F           |                 | 0.0132       |                            | C                 | GEN      |
| GS11          | SL            | 5/8/24       | RFS01-05.2505060-004 | PU-239,240          | Plutonium-239, 240            | N                 | -0.00142 | pCi/L | U              | F           |                 | 0.0133       |                            | C                 | GEN      |
| GS11          | SL            | 5/8/24       | RFS01-05.2505060-004 | 7440-61-1           | Uranium                       | N                 | 8.99     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| GS11          | SL            | 5/12/25      | RFS01-02.2505071-003 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS11          | SL            | 5/19/25      | RFS01-04.2506156-018 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS11          | SL            | 5/29/25      | RFS01-04.2506156-012 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS11          | SL            | 5/29/25      | RFS01-04.2506156-012 | 7440-61-1           | Uranium                       | N                 | 10       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS11          | SL            | 6/9/25       | RFS01-02.2506074-001 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS11          | SL            | 6/16/25      | RFS01-04.2506157-002 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              | J                          | G                 | STD      |
| GS12          | SL            | 1/6/25       | RFS01-04.2505154-001 | 7440-61-1           | Uranium                       | N                 | 23       | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| GS12          | SL            | 4/30/25      | RFS01-04.2505155-001 | 7440-61-1           | Uranium                       | N                 | 9.7      | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| GS12          | SL            | 5/12/25      | RFS01-04.2506156-019 | 7440-61-1           | Uranium                       | N                 | 11       | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| GS12          | SL            | 5/29/25      | RFS01-02.2506074-002 | 7440-61-1           | Uranium                       | N                 | 7.6      | ug/L  |                | D           | 0.25            |              |                            | C                 | STD      |
| GS12          | SL            | 5/29/25      | RFS01-02.2506074-004 | 7440-61-1           | Uranium                       | N                 | 7.5      | ug/L  |                | F           | 0.25            |              |                            | C                 | STD      |
| GS13          | SL            | 4/15/25      | RFS01-10.2504075-032 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 6        | mg/L  |                | F           | 0.12            |              |                            | G                 | STD      |
| GS13          | SL            | 4/15/25      | RFS01-10.2504075-032 | 7440-61-1           | Uranium                       | N                 | 49       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS13          | SL            | 4/30/25      | RFS01-02.2505071-006 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.81     | mg/L  |                | F           | 0.06            |              |                            | G                 | STD      |
| GS13          | SL            | 4/30/25      | RFS01-04.2504153-013 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 1.5      | mg/L  | *              | F           | 0.06            |              |                            | G                 | STD      |
| GS13          | SL            | 4/30/25      | RFS01-04.2504153-013 | 7440-61-1           | Uranium                       | N                 | 48       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS13          | SL            | 5/19/25      | RFS01-04.2505155-013 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 1.5      | mg/L  |                | F           | 0.06            |              |                            | G                 | STD      |
| GS13          | SL            | 5/29/25      | RFS01-04.2506156-013 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS13          | SL            | 5/29/25      | RFS01-04.2506156-013 | 7440-61-1           | Uranium                       | N                 | 7.5      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS13          | SL            | 6/16/25      | RFS01-04.2506157-003 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              | J                          | G                 | STD      |
| GS13          | SL            | 6/26/25      | RFS01-04.2506158-003 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| GS13          | SL            | 6/26/25      | RFS01-04.2506158-003 | 7440-61-1           | Uranium                       | N                 | 48       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| GS31          | SL            | 4/29/25      | RFS01-05.2505060-007 | 14596-10-2          | Americium-241                 | N                 | 0.00626  | pCi/L | U              | F           |                 | 0.0087       |                            | C                 | GEN      |
| GS31          | SL            | 4/29/25      | RFS01-05.2505060-007 | PU-239,240          | Plutonium-239, 240            | N                 | 0.0304   | pCi/L |                | F           |                 | 0.0191       | J                          | C                 | GEN      |
| GS31          | SL            | 4/29/25      | RFS01-05.2505060-007 | 7440-61-1           | Uranium                       | N                 | 10.7     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| SPOUT         | TS            | 4/30/25      | RFS01-04.2504153-015 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U *            | F           | 0.06            |              |                            | G                 | STD      |
| SPOUT         | TS            | 4/30/25      | RFS01-04.2504153-015 | 7440-61-1           | Uranium                       | N                 | 140      | ug/L  |                | F           | 0.25            |              | J                          | G                 | STD      |
| SPOUT         | TS            | 5/19/25      | RFS01-04.2505155-015 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| SPOUT         | TS            | 5/29/25      | RFS01-04.2506156-015 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| SPOUT         | TS            | 5/29/25      | RFS01-04.2506156-015 | 7440-61-1           | Uranium                       | N                 | 97       | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| SPOUT         | TS            | 6/16/25      | RFS01-04.2506157-005 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              | J                          | G                 | STD      |
| SW093         | SL            | 4/30/25      | RFS01-04.2504153-016 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U *            | F           | 0.06            |              |                            | G                 | STD      |
| SW093         | SL            | 4/30/25      | RFS01-04.2504153-016 | 7440-61-1           | Uranium                       | N                 | 6.3      | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| SW093         | SL            | 5/19/25      | RFS01-04.2505155-016 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| SW093         | SL            | 5/29/25      | RFS01-04.2506156-016 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.086    | mg/L  | J              | F           | 0.06            |              |                            | G                 | STD      |
| SW093         | SL            | 5/29/25      | RFS01-04.2506156-016 | 7440-61-1           | Uranium                       | N                 | 4        | ug/L  |                | F           | 0.25            |              |                            | G                 | STD      |
| SW093         | SL            | 6/16/25      | RFS01-04.2506157-006 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.11     | mg/L  | J              | F           | 0.06            |              | J                          | G                 | STD      |
| WALPOC        | SL            | 5/8/25       | RFS01-13.2505135-016 | 14596-10-2          | Americium-241                 | N                 | 0.0128   | pCi/L | U              | F           |                 | 0.00842      |                            | C                 | GEN      |
| WALPOC        | SL            | 5/8/25       | RFS01-13.2505135-016 | PU-239,240          | Plutonium-239, 240            | N                 | 0.00674  | pCi/L | U              | F           |                 | 0.00882      |                            | C                 | GEN      |
| WALPOC        | SL            | 5/8/25       | RFS01-13.2505135-016 | 7440-61-1           | Uranium                       | N                 | 11.4     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| WALPOC        | SL            | 5/8/25       | RFS01-02.2505071-002 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.15     | mg/L  | J              | F           | 0.06            |              |                            | G                 | STD      |
| WALPOC        | SL            | 5/15/25      | RFS01-04.2505155-002 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |

Table 1. Analytical Results for Water Samples

| LOCATION CODE | LOCATION TYPE | DATE SAMPLED | SAMPLE CODE          | CAS Registry Number | ANALYTE                       | FILTRATION STATUS | RESULT   | UNITS | LAB QUALIFIERS | SAMPLE TYPE | DETECTION LIMIT | UNCER-TAINTY | DATA VALIDATION QUALIFIERS | COLLECTION METHOD | LAB CODE |
|---------------|---------------|--------------|----------------------|---------------------|-------------------------------|-------------------|----------|-------|----------------|-------------|-----------------|--------------|----------------------------|-------------------|----------|
| WALPOC        | SL            | 5/15/25      | RFS01-13.2506137-016 | 14596-10-2          | Americium-241                 | N                 | -0.00767 | pCi/L | U              | F           |                 | 0.024        |                            | C                 | GEN      |
| WALPOC        | SL            | 5/15/25      | RFS01-13.2506137-016 | PU-239,240          | Plutonium-239, 240            | N                 | -0.00899 | pCi/L | U              | F           |                 | 0.00935      |                            | C                 | GEN      |
| WALPOC        | SL            | 5/15/25      | RFS01-13.2506137-016 | 7440-61-1           | Uranium                       | N                 | 11.9     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| WALPOC        | SL            | 6/9/25       | RFS01-02.2506074-007 | NO3+NO2 AS N        | Nitrate + Nitrite as Nitrogen | N                 | 0.06     | mg/L  | U              | F           | 0.06            |              |                            | G                 | STD      |
| WOMPOC        | SL            | 5/7/25       | RFS01-13.2505135-018 | 14596-10-2          | Americium-241                 | N                 | 0.00678  | pCi/L | U              | F           |                 | 0.00961      |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/7/25       | RFS01-13.2505135-018 | PU-239,240          | Plutonium-239, 240            | N                 | 0.0103   | pCi/L | U              | F           |                 | 0.00843      |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/7/25       | RFS01-13.2505135-018 | 7440-61-1           | Uranium                       | N                 | 1.49     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/15/25      | RFS01-13.2506136-018 | 14596-10-2          | Americium-241                 | N                 | 0        | pCi/L | U              | F           |                 | 0.00756      |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/15/25      | RFS01-13.2506136-018 | PU-239,240          | Plutonium-239, 240            | N                 | 0.0017   | pCi/L | U              | F           |                 | 0.012        |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/15/25      | RFS01-13.2506136-018 | 7440-61-1           | Uranium                       | N                 | 1.97     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/29/25      | RFS01-13.2506137-018 | 14596-10-2          | Americium-241                 | N                 | 0.00386  | pCi/L | U              | F           |                 | 0.0141       |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/29/25      | RFS01-13.2506137-018 | PU-239,240          | Plutonium-239, 240            | N                 | 0.00717  | pCi/L | U              | F           |                 | 0.00779      |                            | C                 | GEN      |
| WOMPOC        | SL            | 5/29/25      | RFS01-13.2506137-018 | 7440-61-1           | Uranium                       | N                 | 1.27     | ug/L  |                | F           | 0.067           |              |                            | C                 | GEN      |

EXPLANATION

FILTRATION STATUS

N = Sample was not filtered.  
Y = Sample was filtered.

UNITS

mg/L; ppm = milligrams per liter  
pCi/L = picocuries per liter  
ug/L = micrograms per liter  
C = degrees celsius  
mS/cm = milliSiemens per centimeter  
NTU = normal turbidity units  
s.u. = standard pH units  
uS/cm = microSiemens per centimeter  
umhos/cm = microSiemens per centimeter

SAMPLE\_TYPE

D = Duplicate  
F = Field Sample

DATA\_VALIDATION\_QUALIFIERS

<blank> No qualifiers needed for result.  
F Low flow sampling method used.  
G Possible grout contamination, pH > 9.  
J Estimated value.  
L Less than 3 bore volumes purged prior to sampling.  
Q Qualitative result due to sampling technique.  
R Unusable result.  
U Parameter analyzed for but was not detected.  
X Location is undefined.  
999 Validation not complete.

Chemical Abstracts Service (CAS) Registry Number: Unique identification number assigned to every chemical substance described in the open scientific literature.

LAB\_QUALIFIERS

<blank> No qualifiers needed for result.  
\* Replicate analysis not within control limits.  
+ Correlation coefficient for MSA < 0.995.  
> Result above upper detection limit.  
A TIC is a suspected aldol-condensation product.  
B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.  
C Pesticide result confirmed by GC-MS.  
D Analyte determined in diluted sample.  
E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.  
H Holding time expired, value suspect.  
I Increased detection limit due to required dilution.  
J Estimated.  
M GFAA duplicate injection precision not met.  
N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).  
P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.  
S Result determined by method of standard addition (MSA).  
U Analytical result below detection limit.  
W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.  
X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.  
Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.  
Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

LOCATION\_TYPE

SL  
TS  
WL

LAB\_CODE

GEN Gel Laboratories  
STD Test America

COLLECTION\_METHOD

C Composite  
G Grab

Table 2. Water Sampling Events: Third Quarter CY 2025

| Location Code | Sampling Dates  |                 | Sample Info       |      |          | Analytes |   |         |       |     | Sample Tracking Info |
|---------------|-----------------|-----------------|-------------------|------|----------|----------|---|---------|-------|-----|----------------------|
|               | Start           | End             | Collection Method | Type | Filtered | VOC      | U | Nitrate | Pu/Am | TSS | Sample ID            |
| SPOUT         | 7/14/2025 11:10 | 7/14/2025 11:10 | grab              | F    | No       |          |   | X       |       |     | RFS01-04.2507159-001 |
| SPOUT         | 7/28/2025 14:30 | 7/28/2025 14:30 | grab              | F    | No       |          | X | X       |       |     | RFS01-04.2508160-001 |
| SPOUT         | 8/14/2025 10:15 | 8/14/2025 10:15 | grab              | F    | No       |          |   | X       |       |     | RFS01-04.2508162-001 |
| SPOUT         | 9/4/2025 12:30  | 9/4/2025 12:30  | grab              | F    | No       |          | X | X       |       |     | RFS01-04.2509163-001 |
| SPOUT         | 9/4/2025 12:30  | 9/4/2025 12:30  | grab              | D    | No       |          | X | X       |       |     | RFS01-04.2509163-002 |

**EXPLANATION****FILTRATION STATUS**

No = Sample was not filtered.

Yes = Sample was filtered.

**SAMPLE\_TYPE**

D = Duplicate

F = Field Sample

**ANALYTES**

Pu/Am = plutonium and americium

TSS = total suspended solids

U = uranium

VOC = volatile organic compound