

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

**First Quarter Calendar Year 2022**

**April 2022**



U.S. DEPARTMENT OF  
**ENERGY**

Legacy  
Management

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## Abbreviations

AMP	Adaptive Management Plan
COU	Central Operable Unit
CY	calendar year
DOE	U.S. Department of Energy
EA	Environmental Assessment
GEMS	Geospatial Environmental Mapping System
POC	Point of Compliance

## 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.

Some members of the public have commented that additional information should be collected before implementing 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 to the requests, 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, *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado* (DOE 2021), first published in 2011, reflects DOE's long-term commitment to implementing the activities that the AMP describes.

The AMP provides for a monitoring and data evaluation program to assist in deciding when to implement the final steps of the Proposed Action, which includes 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 first quarter of calendar year (CY) 2022 is provided in accordance with Section 5.0, "Reporting," of the AMP. Section 3.0 of this report describes the first quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available March 31, 2022. 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. Additional field implementation for the AMP monitoring objectives can be found in *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado* (DOE 2021).

This report routinely includes analytical data for the following AMP monitoring objectives:

- 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 Walnut Creek (Item 8, AMP Table 2)

## 2.0 AMP Highlights: First Quarter CY 2022

- Four informal emails were transmitted to AMP participants providing notification that composite samples had been retrieved from the Points of Compliance (POCs): Woman Creek at the Central Operable Unit (COU) boundary and Walnut Creek at the COU boundary.
- One informal email was transmitted to AMP participants providing notification that recent analytical data from the POCs had been validated and would soon be available through the Geospatial Environmental Mapping System (GEMS).
- Two informal emails were transmitted to AMP participants providing notification of individual analytical results from POCs and Points of Evaluation that were above the applicable surface water standard in Attachment 2, Table 1, in the *Rocky Flats Legacy Management Agreement*, which was revised in 2012 (CDPHE et al. 2007).
- During the quarter, 37 samples were collected in support of AMP monitoring objectives.

## 3.0 Analytical Data: First Quarter CY 2022

Analytical data for the first quarter of CY 2022 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 during the quarter.

## 4.0 References

CDPHE (Colorado Department of Public Health and Environment), DOE (U.S. Department of Energy), and EPA (U.S. Environmental Protection Agency), 2007. *Rocky Flats Legacy Management Agreement*, executed on March 14, Attachment 2 updated December 2018.

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), 2021. *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado*, LMS/RFS/S08202, Office of Legacy Management, July.

DOE (U.S. Department of Energy), 2021. *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado*, LMS/RFS/S07698, Office of Legacy Management, December.

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATIO N STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTIO N LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
00193	WL	10/18/2021	RFS01-10.2110038-001	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
00193	WL	10/18/2021	RFS01-10.2110038-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
4087	WL	10/19/2021	RFS01-10.2110038-027	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
4087	WL	10/19/2021	RFS01-10.2110038-027	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	10/18/2021	RFS01-10.2110038-010	563-98-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	156-59-2	cis-1,2-Dichloroethene	N	1	ug/L	U	F	0.15		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	79-01-6	Trichloroethene	N	8.2	ug/L	U	F	0.16		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
10304	WL	10/18/2021	RFS01-10.2110038-010	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		F	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-35-4	1,1-Dichloroethane	N	0.23	ug/L	U	F	0.23		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD



Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
11104	WL	10/19/2021	RFS01-10.2110038-012	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	79-01-6	Trichloroethene	N	1.1	ug/L	U	F	0.16		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
11104	WL	10/19/2021	RFS01-10.2110038-012	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
42505	WL	10/20/2021	RFS01-10.2110038-028	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	156-59-2	cis-1,2-Dichloroethene	N	0.6	ug/L	J	F	0.15		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
42505	WL	10/20/2021	RFS01-10.2110038-028	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
B206989	WL	10/19/2021	RFS01-10.2110038-059	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.090		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
B206989	WL	10/19/2021	RFS01-10.2110038-059	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
GS10	SL	12/28/2021	RFS01-04.2112079-010	7440-61-1	Uranium	N	26	ug/L	U	F	0.05			G	STD
GS10	SL	2/1/2022	RFS01-04.2202081-010	7440-61-1	Uranium	N	26	ug/L	U	F	0.05			G	STD
GS13	SL	2/1/2022	RFS01-04.2202081-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	16	mg/L	U	F	0.095			G	STD
GS13	SL	2/1/2022	RFS01-04.2202081-012	7440-61-1	Uranium	N	40	ug/L	W	F	0.05			G	STD
SPOUT	TS	12/14/2021	RFS01-04.2112078-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.033	mg/L	J	F	0.019		J	G	STD
SPOUT	TS	12/28/2021	RFS01-04.2112079-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.028	mg/L	J	F	0.019			G	STD
SPOUT	TS	12/28/2021	RFS01-04.2112079-014	7440-61-1	Uranium	N	71	ug/L	U	F	0.05			G	STD
SPOUT	TS	1/13/2022	RFS01-04.2201080-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019		J	G	STD
SPOUT	TS	2/1/2022	RFS01-04.2202081-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SPOUT	TS	2/1/2022	RFS01-04.2202081-014	7440-61-1	Uranium	N	65	ug/L	U	F	0.05			G	STD
SW093	SL	12/14/2021	RFS01-04.2112078-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.38	mg/L	U	F	0.019		J	G	STD
SW093	SL	12/28/2021	RFS01-04.2112079-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.9	mg/L	U	F	0.019			G	STD
SW093	SL	12/28/2021	RFS01-04.2112079-015	7440-61-1	Uranium	N	9.3	ug/L	U	F	0.05			G	STD
SW093	SL	1/13/2022	RFS01-04.2201080-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.2	mg/L	U	F	0.019		J	G	STD
SW093	SL	2/1/2022	RFS01-04.2202081-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.37	mg/L	U	F	0.019			G	STD
SW093	SL	2/1/2022	RFS01-04.2202081-015	7440-61-1	Uranium	N	10	ug/L	U	F	0.05			G	STD
WOMPOC	SL	7/14/2021	RFS01-13.2201070-015	14596-10-2	Americium-241	N	0.0128	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/14/2021	RFS01-13.2201070-015	13981-16-3	Plutonium-238	N	0.00539	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/14/2021	RFS01-13.2201070-015	PU-239,240	Plutonium-239, 240	N	0.00805	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/14/2021	RFS01-13.2201070-015	7440-61-1	Uranium	N	5.89	ug/L	U	F	0.067			C	GEN
WOMPOC	SL	1/4/2022	RFS01-13.2202071-015	14596-10-2	Americium-241	N	0.0102	pCi/L	U	F				C	GEN
WOMPOC	SL	1/4/2022	RFS01-13.2202071-015	13981-16-3	Plutonium-238	N	0.00675	pCi/L	U	F				C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WOMPOC	SL	1/4/2022	RFS01-13.2202071-015	PU-239,240	Plutonium-239, 240	N	-0.00675	pCi/L	U	F				C	GEN
WOMPOC	SL	1/4/2022	RFS01-13.2202071-015	7440-61-1	Uranium	N	4.91	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**

F = Field Sample  
D = Duplicate

**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

**LAB\_QUALIFIERS**

\* 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 SURFACE LOCATION  
TS TREATMENT SYSTEM  
WL WELL

**LAB\_CODE**

GEN Gel Laboratories  
STD Test America

**COLLECTION\_METHOD**

G Grab  
C Composite

Table 2. Water Sampling Events: First Quarter CY 2022

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	TSS	Sample ID
WOMPOC	7/14/2021 12:57	1/4/2022 12:16	composite	F	No		X		X		RFS01-13.2201070-015
SPOUT	1/13/2022 8:46	1/13/2022 8:46	grab	F	No			X			RFS01-04.2201080-014
SW093	1/13/2022 8:55	1/13/2022 8:55	grab	F	No			X			RFS01-04.2201080-015
SPOUT	2/1/2022 10:15	2/1/2022 10:15	grab	F	No		X	X			RFS01-04.2202081-014
SW093	2/1/2022 10:32	2/1/2022 10:32	grab	F	No		X	X			RFS01-04.2202081-015
GS13	2/1/2022 10:50	2/1/2022 10:50	grab	F	No		X	X			RFS01-04.2202081-012
GS10	2/1/2022 11:35	2/1/2022 11:35	grab	F	No		X				RFS01-04.2202081-010
WOMPOC	1/4/2022 12:16	2/8/2022 11:34	composite	F	No		X		X		RFS01-13.2202071-015
A1EFF	2/15/2022 10:25	2/15/2022 10:25	grab	F	No			X			RFS01-04.2202082-003
GS13	2/15/2022 11:03	2/15/2022 11:03	grab	F	No			X			RFS01-04.2202082-012
SPOUT	2/15/2022 11:15	2/15/2022 11:15	grab	F	No			X			RFS01-04.2202082-014
SW093	2/15/2022 11:25	2/15/2022 11:25	grab	F	No			X			RFS01-04.2202082-015
SPOUT	2/28/2022 10:35	2/28/2022 10:35	grab	F	No		X	X			RFS01-04.2202083-014
SW093	2/28/2022 10:50	2/28/2022 10:50	grab	F	No		X	X			RFS01-04.2202083-015
GS13	2/28/2022 11:31	2/28/2022 11:31	grab	F	No		X	X			RFS01-04.2202083-002
A1EFF	2/28/2022 11:48	2/28/2022 11:48	grab	F	No		X	X			RFS01-04.2202083-003
B5INFLOW	2/28/2022 12:16	2/28/2022 12:16	grab	F	No		X				RFS01-04.2202083-007
B3OUTFLOW	2/28/2022 12:55	2/28/2022 12:55	grab	F	No		X				RFS01-04.2202083-006
GS10	2/28/2022 13:17	2/28/2022 13:17	grab	F	No		X				RFS01-04.2202083-010