

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

**First Quarter Calendar Year 2019**

**April 2019**



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	<i>Rocky Flats Surface Water Configuration Environmental Assessment</i>
GEMS	Geospatial Environmental Mapping System
POC	point of compliance

## 1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Surface Water Configuration Environmental Assessment* (EA) is to breach the remaining retention pond dams at the Rocky Flats Site, Colorado (Site), 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 must be collected prior to 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 communities. 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 *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado*, was first published in 2011 (DOE 2017). The AMP group is composed of these representatives and stakeholders. The resulting AMP 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 help DOE decide whether to implement the final steps of the Proposed Action by breaching the terminal dams during the planned time frame of 2018–2020 or to delay completion of the Proposed Action to gather additional information for evaluation. 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) 2019 is provided in accordance with Section 5.0, "Reporting," in the AMP. Section 3.0 of this report provides the first quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available as of March 31, 2019. 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 2018).

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 2019

- Four informal emails were transmitted to AMP participants providing notification that composite samples had been retrieved from the points of compliance (POCs): WOMPOC (Woman Creek at the Central Operable Unit [COU] boundary) and WALPOC (Walnut Creek at COU boundary).
- Two informal emails were 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 *Rocky Flats Legacy Management Agreement* (RFLMA) surface water standard (RFLMA Attachment 2, Table 1).
- During the quarter, 50 samples were collected in support of AMP monitoring objectives.

## 3.0 Analytical Data: First Quarter CY 2019

Analytical data for the first quarter of CY 2019 are provided in this section. Table 1 provides the analytical results, while Table 2 lists the water sampling events during the quarter.

## 4.0 References

DOE (U.S. Department of Energy), 2017. *Surface Water Configuration Adaptive Management Plan for the Rocky Flats Site, Colorado*, LMS/RFS/S07698, Office of Legacy Management, August.

DOE (U.S. Department of Energy), 2018. *Additional Field Implementation Detail for Selected Monitoring Objectives at the Rocky Flats Site, Colorado*, LMS/RFS/S08202, Office of Legacy Management, July.

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
00193	WL	6/5/2018	RFS01-10.1806006-044	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	142-28-9	1,3-Dichloropropane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	594-20-7	2,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	67-64-1	Acetone	N	2.8	ug/L	J	F	1.9		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-25-2	Bromoform	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-15-0	Carbon Disulfide	N	0.45	ug/L	U	F	0.45		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-09-2	Methylene chloride	N	0.32	ug/L	U	F	0.32		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	104-51-8	n-Butylbenzene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	100-42-5	Styrene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
00193	WL	6/5/2018	RFS01-10.1806006-044	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
00193	WL	10/9/2018	RFS01-10.1810009-013	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	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
00193	WL	10/9/2018	RFS01-10.1810009-013	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-35-4	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	156-59-2	cis-1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00193	WL	10/9/2018	RFS01-10.1810009-013	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
00997	WL	6/6/2018	RFS01-10.1806006-017	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-35-4	1,1-Dichloroethane	N	0.23	ug/L	U	F	0.23		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
00997	WL	6/6/2018	RFS01-10.1806006-017	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	541-73-1	1,3-Dichlorobenzene	N	0.28	ug/L	J	F	0.13		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	142-28-9	1,3-Dichloropropane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	594-20-7	2,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-25-2	Bromoform	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-15-0	Carbon Disulfide	N	0.45	ug/L	U	F	0.45		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-09-2	Methylene chloride	N	0.32	ug/L	U	F	0.32		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	104-51-8	n-Butylbenzene	N	0.32	ug/L	U	F	0.32		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.16	mg/L	U	F	0.019		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	100-42-5	Styrene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
00997	WL	6/6/2018	RFS01-10.1806006-017	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
4087	WL	10/17/2018	RFS01-10.1810009-027	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		F	G	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
4087	WL	10/17/2018	RFS01-10.1810009-027	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.138	mg/L	U	F	0.017		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		F	G	GEN
4087	WL	10/17/2018	RFS01-10.1810009-027	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		F	G	GEN
10304	WL	6/5/2018	RFS01-10.1806006-043	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		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	6/5/2018	RFS01-10.1806006-043	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	142-28-9	1,3-Dichloropropane	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	594-20-7	2,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	67-64-1	Acetone	N	2.3	ug/L	J	F	1.9		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-25-2	Bromoform	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-15-0	Carbon Disulfide	N	0.45	ug/L	U	F	0.45		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	67-66-3	Chloroform	N	0.22	ug/L	J	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	156-59-2	cis-1,2-Dichloroethene	N	18	ug/L	U	F	0.15		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-09-2	Methylene chloride	N	0.32	ug/L	U	F	0.32		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	104-51-8	n-Butylbenzene	N	0.32	ug/L	U	F	0.32		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	100-42-5	Styrene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	79-01-6	Trichloroethene	N	26	ug/L	U	F	0.16		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
10304	WL	6/5/2018	RFS01-10.1806006-043	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		F	G	STD
10304	WL	10/11/2018	RFS01-10.1810009-017	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	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
10304	WL	10/11/2018	RFS01-10.1810009-017	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	156-59-2	cis-1,2-Dichloroethene	N	2	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	79-01-6	Trichloroethene	N	5.43	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10304	WL	10/11/2018	RFS01-10.1810009-017	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
10594	WL	6/6/2018	RFS01-10.1806006-016	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		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
10594	WL	6/6/2018	RFS01-10.1806006-016	142-28-9	1,3-Dichloropropane	N	0.22	ug/L	U	F	0.22		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	594-20-7	2,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	78-93-3	2-Butanone	N	2	ug/L	U	F	2.0		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.10		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-25-2	Bromoform	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-15-0	Carbon Disulfide	N	0.45	ug/L	U	F	0.45		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.30		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-09-2	Methylene chloride	N	0.32	ug/L	U	F	0.32		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	104-51-8	n-Butylbenzene	N	0.32	ug/L	U	F	0.32		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.20		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	100-42-5	Styrene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.20		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
10594	WL	6/6/2018	RFS01-10.1806006-016	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.10		FQ	G	STD
11104	WL	10/11/2018	RFS01-10.1810009-019	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	106-93-4	1,2-Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	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
11104	WL	10/11/2018	RFS01-10.1810009-019	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
11104	WL	10/11/2018	RFS01-10.1810009-019	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	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
42505	WL	10/11/2018	RFS01-10.1810009-028	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	156-59-2	cis-1,2-Dichloroethene	N	0.8	ug/L	J	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
42505	WL	10/11/2018	RFS01-10.1810009-028	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	541-73-1	1,3-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	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
89104	WL	10/11/2018	RFS01-10.1810009-032	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	87-68-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	108-88-3	Toluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
89104	WL	10/11/2018	RFS01-10.1810009-032	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
A1EFF	SL	1/31/2019	RFS01-06.1902014-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	11	mg/L		F	0.095		J	G	STD
A1EFF	SL	1/31/2019	RFS01-06.1902014-001	7440-61-1	Uranium	N	58	ug/L		F	0.05			G	STD
A1EFF	SL	2/14/2019	RFS01-04.1902016-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	9.3	mg/L		F	0.038			G	STD
A1EFF	SL	2/14/2019	RFS01-04.1902016-011	7440-61-1	Uranium	N	55	ug/L		F	0.05			G	STD
A1EFF	SL	2/28/2019	RFS01-06.1903015-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	7.9	mg/L		F	0.019			G	STD
A1EFF	SL	2/28/2019	RFS01-06.1903015-001	7440-61-1	Uranium	N	54	ug/L		F	0.05		J	G	STD
A2EFF	SL	2/28/2019	RFS01-06.1903015-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	10	mg/L		F	0.038			G	STD
A2EFF	SL	2/28/2019	RFS01-06.1903015-011	7440-61-1	Uranium	N	53	ug/L		F	0.05			G	STD
B206989	WL	10/17/2018	RFS01-10.1810009-042	630-20-6	1,1,1,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	71-55-6	1,1,1-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	79-34-5	1,1,2,2-Tetrachloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	79-00-5	1,1,2-Trichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-34-3	1,1-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-35-4	1,1-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	563-58-6	1,1-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	87-61-6	1,2,3-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	96-18-4	1,2,3-Trichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	120-82-1	1,2,4-Trichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	95-63-6	1,2,4-Trimethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	96-12-8	1,2-Dibromo-3-chloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	106-93-4	1,2-Dibromoethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	95-50-1	1,2-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	107-06-2	1,2-Dichloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	78-87-5	1,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	108-67-8	1,3,5-Trimethylbenzene	N	0.667	ug/L	U	F	0.667		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	541-73-1	1,3-Dichlorobenzene	N	0.42	ug/L	J	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	142-28-9	1,3-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	106-46-7	1,4-Dichlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	594-20-7	2,2-Dichloropropane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	78-93-3	2-Butanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	95-49-8	2-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	591-78-6	2-Hexanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	106-43-4	4-Chlorotoluene	N	0.333	ug/L	U	F	0.333		FQ	G	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
B206989	WL	10/17/2018	RFS01-10.1810009-042	108-10-1	4-Methyl-2-Pentanone	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	67-64-1	Acetone	N	1.74	ug/L	U	F	1.74		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	71-43-2	Benzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	108-86-1	Bromobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	74-97-5	Bromochloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-27-4	Bromodichloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-25-2	Bromoform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	74-83-9	Bromomethane	N	0.337	ug/L	U	F	0.337		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-15-0	Carbon Disulfide	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	56-23-5	Carbon tetrachloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	108-90-7	Chlorobenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	124-48-1	Chlorodibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-00-3	Chloroethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	67-66-3	Chloroform	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	74-87-3	Chloromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	156-59-2	cis-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	10061-01-5	cis-1,3-Dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	74-95-3	Dibromomethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-71-8	Dichlorodifluoromethane	N	0.355	ug/L	U	F	0.355		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	100-41-4	Ethylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	87-88-3	Hexachlorobutadiene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	98-82-8	Isopropylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-09-2	Methylene chloride	N	1.67	ug/L	U	F	1.67		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	91-20-3	Naphthalene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	104-51-8	n-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	6.67	mg/L	U	F	0.170		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	103-65-1	n-Propylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	99-87-6	p-Isopropyltoluene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	135-98-8	sec-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	100-42-5	Styrene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	98-06-6	tert-Butylbenzene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	127-18-4	Tetrachloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	108-88-3	Toluene	N	0.35	ug/L	J	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	1330-20-7	Total Xylenes	N	1	ug/L	U	F	1.00		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	156-60-5	trans-1,2-Dichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	10061-02-6	trans-1,3-dichloropropene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	79-01-6	Trichloroethene	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-69-4	Trichlorofluoromethane	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B206989	WL	10/17/2018	RFS01-10.1810009-042	75-01-4	Vinyl chloride	N	0.333	ug/L	U	F	0.333		FQ	G	GEN
B3OUTFLOW	SL	2/14/2019	RFS01-04.1902016-002	7440-61-1	Uranium	N	30	ug/L		F	0.05			G	STD
B3OUTFLOW	SL	2/28/2019	RFS01-06.1903015-002	7440-61-1	Uranium	N	33	ug/L		F	0.05			G	STD
B5INFLOW	SL	2/14/2019	RFS01-04.1902016-003	7440-61-1	Uranium	N	25	ug/L		F	0.05			G	STD
B5INFLOW	SL	2/14/2019	RFS01-04.1902016-014	7440-61-1	Uranium	N	25	ug/L		D	0.05			G	STD
B5INFLOW	SL	2/28/2019	RFS01-06.1903015-003	7440-61-1	Uranium	N	25	ug/L		F	0.05			G	STD
GS10	SL	10/17/2018	RFS01-04.1810011-001	7440-61-1	Uranium	N	26	ug/L		F	0.05			G	STD
GS10	SL	10/29/2018	RFS01-06.1810011-004	7440-61-1	Uranium	N	26	ug/L		F	0.05			G	STD
GS10	SL	11/14/2018	RFS01-04.1811012-001	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
GS10	SL	11/28/2018	RFS01-06.1811012-004	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
GS10	SL	12/13/2018	RFS01-04.1812014-001	7440-61-1	Uranium	N	32	ug/L		F	0.05			G	STD
GS10	SL	1/31/2019	RFS01-06.1902014-004	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
GS10	SL	2/14/2019	RFS01-04.1902016-001	7440-61-1	Uranium	N	18	ug/L		F	0.05			G	STD
GS10	SL	2/28/2019	RFS01-06.1903015-004	7440-61-1	Uranium	N	18	ug/L		F	0.05			G	STD
GS10	SL	2/28/2019	RFS01-06.1903015-016	7440-61-1	Uranium	N	17	ug/L		D	0.05			G	STD
GS13	SL	1/14/2019	RFS01-04.1901015-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	24	mg/L		F	0.095			G	STD
GS13	SL	1/14/2019	RFS01-04.1901015-007	7440-61-1	Uranium	N	57	ug/L		F	0.05			G	STD
GS13	SL	1/31/2019	RFS01-06.1902014-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	16	mg/L		F	0.095		J	G	STD
GS13	SL	1/31/2019	RFS01-06.1902014-005	7727-37-9	Nitrogen, Total	N	16	mg/L		F	0.042		J	G	STD
GS13	SL	1/31/2019	RFS01-06.1902014-005	7723-14-0	Phosphorus	N	0.025	mg/L	J	F	0.0050		J	G	STD
GS13	SL	1/31/2019	RFS01-06.1902014-005	TKN	Total Kjeldahl Nitrogen	N	0.18	mg/L	U N	F	0.18		J	G	STD
GS13	SL	1/31/2019	RFS01-06.1902014-005	7440-61-1	Uranium	N	48	ug/L		F	0.05		J	G	STD
GS13	SL	2/14/2019	RFS01-04.1902016-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	10	mg/L		F	0.038			G	STD
GS13	SL	2/14/2019	RFS01-04.1902016-007	7440-61-1	Uranium	N	26	ug/L		F	0.05			G	STD
GS13	SL	2/28/2019	RFS01-06.1903015-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	15	mg/L		F	0.095			G	STD
GS13	SL	2/28/2019	RFS01-06.1903015-005	7727-37-9	Nitrogen, Total	N	15	mg/L		F	0.042			G	STD
GS13	SL	2/28/2019	RFS01-06.1903015-005	7723-14-0	Phosphorus	N	0.044	mg/L	J	F	0.025			G	STD
GS13	SL	2/28/2019	RFS01-06.1903015-005	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U N *	F	0.69			G	STD
GS13	SL	2/28/2019	RFS01-06.1903015-005	7440-61-1	Uranium	N	41	ug/L		F	0.05		J	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
SPOUT	TS	8/30/2018	RFS01-06.1808009-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.041	mg/L	J B	F	0.019		U	G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.043	mg/L	J B	D	0.019			G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-007	7727-37-9	Nitrogen, Total	N	17	mg/L		F	0.042			G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-016	7727-37-9	Nitrogen, Total	N	23	mg/L		D	0.042		J	G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-007	7723-14-0	Phosphorus	N	8.3	mg/L	B N	F	0.050			G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-016	7723-14-0	Phosphorus	N	9	mg/L	B	D	0.050		U	G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-007	TKN	Total Kjeldahl Nitrogen	N	17	mg/L	J	F	4.5			G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-016	TKN	Total Kjeldahl Nitrogen	N	23	mg/L	J	D	4.5			G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-007	7440-61-1	Uranium	N	44	ug/L		F	0.05		J	G	STD
SPOUT	TS	8/30/2018	RFS01-06.1808009-016	7440-61-1	Uranium	N	50	ug/L		D	0.05		J	G	STD
SPOUT	TS	9/12/2018	RFS01-04.1809010-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.036	mg/L	J	F	0.019			G	STD
SPOUT	TS	9/12/2018	RFS01-04.1809010-006	7440-61-1	Uranium	N	51	ug/L		F	0.05			G	STD
SPOUT	TS	10/2/2018	RFS01-06.1810010-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.027	mg/L	J B	F	0.019		U	G	STD
SPOUT	TS	10/2/2018	RFS01-06.1810010-007	7727-37-9	Nitrogen, Total	N	27	mg/L		F	0.042			G	STD
SPOUT	TS	10/2/2018	RFS01-06.1810010-007	7723-14-0	Phosphorus	N	8.1	mg/L		F	0.050			G	STD
SPOUT	TS	10/2/2018	RFS01-06.1810010-007	TKN	Total Kjeldahl Nitrogen	N	27	mg/L		F	4.5			G	STD
SPOUT	TS	10/2/2018	RFS01-06.1810010-007	7440-61-1	Uranium	N	57	ug/L		F	0.05		JU	G	STD
SPOUT	TS	10/17/2018	RFS01-04.1810011-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SPOUT	TS	10/17/2018	RFS01-04.1810011-006	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
SPOUT	TS	10/29/2018	RFS01-06.1810011-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SPOUT	TS	10/29/2018	RFS01-06.1810011-007	7727-37-9	Nitrogen, Total	N	29	mg/L		F	0.042			G	STD
SPOUT	TS	10/29/2018	RFS01-06.1810011-007	7723-14-0	Phosphorus	N	8	mg/L	J	F	1.0		J	G	STD
SPOUT	TS	10/29/2018	RFS01-06.1810011-007	TKN	Total Kjeldahl Nitrogen	N	29	mg/L		F	11			G	STD
SPOUT	TS	10/29/2018	RFS01-06.1810011-007	7440-61-1	Uranium	N	27	ug/L		F	0.05		J	G	STD
SPOUT	TS	12/13/2018	RFS01-04.1812014-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.028	mg/L	J	F	0.019			G	STD
SPOUT	TS	12/13/2018	RFS01-04.1812014-006	7440-61-1	Uranium	N	68	ug/L		F	0.05			G	STD
SPOUT	TS	12/31/2018	RFS01-06.1812013-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.037	mg/L	J	F	0.019		U	G	STD
SPOUT	TS	12/31/2018	RFS01-06.1812013-007	7727-37-9	Nitrogen, Total	N	22	mg/L		F	0.042			G	STD
SPOUT	TS	12/31/2018	RFS01-06.1812013-007	7723-14-0	Phosphorus	N	11	mg/L		F	0.50			G	STD
SPOUT	TS	12/31/2018	RFS01-06.1812013-007	TKN	Total Kjeldahl Nitrogen	N	22	mg/L		F	0.45			G	STD
SPOUT	TS	12/31/2018	RFS01-06.1812013-007	7440-61-1	Uranium	N	61	ug/L		F	0.05		J	G	STD
SPOUT	TS	1/14/2019	RFS01-04.1901015-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.4	mg/L		F	0.019			G	STD
SPOUT	TS	1/14/2019	RFS01-04.1901015-006	7440-61-1	Uranium	N	61	ug/L		F	0.05			G	STD
SPOUT	TS	1/31/2019	RFS01-06.1902014-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	16	mg/L		F	0.095		J	G	STD
SPOUT	TS	1/31/2019	RFS01-06.1902014-007	7727-37-9	Nitrogen, Total	N	36	mg/L		F	0.042			G	STD
SPOUT	TS	1/31/2019	RFS01-06.1902014-007	7723-14-0	Phosphorus	N	11	mg/L		F	0.50		J	G	STD
SPOUT	TS	1/31/2019	RFS01-06.1902014-007	TKN	Total Kjeldahl Nitrogen	N	20	mg/L	B	F	0.90			G	STD
SPOUT	TS	1/31/2019	RFS01-06.1902014-007	7440-61-1	Uranium	N	65	ug/L		F	0.05		J	G	STD
SPOUT	TS	2/14/2019	RFS01-04.1902016-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	41	mg/L		F	0.19			G	STD
SPOUT	TS	2/14/2019	RFS01-04.1902016-006	7440-61-1	Uranium	N	63	ug/L		F	0.05			G	STD
SPOUT	TS	2/28/2019	RFS01-06.1903015-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	28	mg/L		F	0.19			G	STD
SPOUT	TS	2/28/2019	RFS01-06.1903015-007	7727-37-9	Nitrogen, Total	N	28	mg/L		F	0.042			G	STD
SPOUT	TS	2/28/2019	RFS01-06.1903015-007	7723-14-0	Phosphorus	N	12	mg/L		F	2.5			G	STD
SPOUT	TS	2/28/2019	RFS01-06.1903015-007	TKN	Total Kjeldahl Nitrogen	N	34	mg/L	U	F	34			G	STD
SPOUT	TS	2/28/2019	RFS01-06.1903015-007	7440-61-1	Uranium	N	71	ug/L		F	0.05			G	STD
SW093	SL	8/30/2018	RFS01-06.1808009-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.067	mg/L	B	F	0.019		U	G	STD
SW093	SL	8/30/2018	RFS01-06.1808009-008	7440-61-1	Uranium	N	7.5	ug/L		F	0.05			G	STD
SW093	SL	10/17/2018	RFS01-04.1810011-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.8	mg/L		F	0.019			G	STD
SW093	SL	10/17/2018	RFS01-04.1810011-004	7440-61-1	Uranium	N	7.7	ug/L	W	F	0.05			G	STD
SW093	SL	10/29/2018	RFS01-06.1810011-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.5	mg/L		F	0.019			G	STD
SW093	SL	10/29/2018	RFS01-06.1810011-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.6	mg/L		D	0.019			G	STD
SW093	SL	10/29/2018	RFS01-06.1810011-008	7440-61-1	Uranium	N	8	ug/L		F	0.05			G	STD
SW093	SL	10/29/2018	RFS01-06.1810011-016	7440-61-1	Uranium	N	8.1	ug/L		D	0.05			G	STD
SW093	SL	11/14/2018	RFS01-04.1811012-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.2	mg/L		F	0.019		J	G	STD
SW093	SL	11/14/2018	RFS01-04.1811012-004	7440-61-1	Uranium	N	8.4	ug/L		F	0.05			G	STD
SW093	SL	11/28/2018	RFS01-06.1811012-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.1	mg/L		F	0.019			G	STD
SW093	SL	11/28/2018	RFS01-06.1811012-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2	mg/L		D	0.019		J	G	STD
SW093	SL	11/28/2018	RFS01-06.1811012-008	7440-61-1	Uranium	N	9.4	ug/L		F	0.05			G	STD
SW093	SL	11/28/2018	RFS01-06.1811012-016	7440-61-1	Uranium	N	10	ug/L		D	0.05		J	G	STD
SW093	SL	12/13/2018	RFS01-04.1812014-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.8	mg/L		F	0.019			G	STD
SW093	SL	12/13/2018	RFS01-04.1812014-004	7440-61-1	Uranium	N	14	ug/L		F	0.05			G	STD
SW093	SL	12/31/2018	RFS01-06.1812013-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.3	mg/L		F	0.019			G	STD
SW093	SL	12/31/2018	RFS01-06.1812013-008	7440-61-1	Uranium	N	14	ug/L		F	0.05			G	STD
SW093	SL	1/14/2019	RFS01-04.1901015-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.8	mg/L		F	0.019			G	STD
SW093	SL	1/14/2019	RFS01-04.1901015-004	7440-61-1	Uranium	N	11	ug/L		F	0.05			G	STD
SW093	SL	1/31/2019	RFS01-06.1902014-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.3	mg/L		F	0.019		J	G	STD
SW093	SL	1/31/2019	RFS01-06.1902014-008	7440-61-1	Uranium	N	8.3	ug/L		F	0.05			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
SW093	SL	2/14/2019	RFS01-04.1902016-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.43	mg/L		F	0.019			G	STD
SW093	SL	2/14/2019	RFS01-04.1902016-004	7440-61-1	Uranium	N	7.4	ug/L		F	0.05		J	G	STD
SW093	SL	2/28/2019	RFS01-06.1903015-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.7	mg/L		F	0.019			G	STD
SW093	SL	2/28/2019	RFS01-06.1903015-008	7440-61-1	Uranium	N	9.6	ug/L		F	0.05			G	STD
WOMPOC	SL	7/2/2018	RFS01-01.1901011-005	14596-10-2	Americium-241	N	0.00224	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/2/2018	RFS01-01.1901011-005	13981-16-3	Plutonium-238	N	0.00179	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/2/2018	RFS01-01.1901011-005	PU-239,240	Plutonium-239, 240	N	0.00892	pCi/L	HU	F				C	GEN
WOMPOC	SL	7/2/2018	RFS01-01.1901011-005	7440-61-1	Uranium	N	4.29	ug/L		F	0.067			C	GEN
WOMPOC	SL	1/3/2019	RFS01-05.1902010-002	14596-10-2	Americium-241	N	0.0089	pCi/L	U	F				C	GEN
WOMPOC	SL	1/3/2019	RFS01-05.1902010-002	13981-16-3	Plutonium-238	N	0.00559	pCi/L	U	F				C	GEN
WOMPOC	SL	1/3/2019	RFS01-05.1902010-002	PU-239,240	Plutonium-239, 240	N	9.31E-10	pCi/L	U	F				C	GEN
WOMPOC	SL	1/3/2019	RFS01-05.1902010-002	7440-61-1	Uranium	N	4.25	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 GEN Gel Laboratories  
TS TREATMENT SYSTEM STD Test America  
WL WELL

**LAB\_CODE**

**COLLECTION\_METHOD**

G Grab  
C Composite

Table 2. Water Sampling Events: First Quarter CY 2019

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	7/2/2018 11:13	1/3/2019 12:35	composite	F	No		X		X		RFS01-01.1901011-005
GS10	1/14/2019 13:55	1/14/2019 13:55	grab	F	No		X				RFS01-04.1901015-001
SPOUT	1/14/2019 11:45	1/14/2019 11:45	grab	F	No		X	X			RFS01-04.1901015-006
SW093	1/14/2019 12:05	1/14/2019 12:05	grab	F	No		X	X			RFS01-04.1901015-004
GS13	1/14/2019 12:30	1/14/2019 12:30	grab	F	No		X	X			RFS01-04.1901015-007
SPOUT	1/31/2019 13:35	1/31/2019 13:35	grab	F	No		X	X			RFS01-06.1902014-007
SW093	1/31/2019 13:40	1/31/2019 13:40	grab	F	No		X	X			RFS01-06.1902014-008
GS13	1/31/2019 14:20	1/31/2019 14:20	grab	F	No		X	X			RFS01-06.1902014-005
A1EFF	1/31/2019 14:45	1/31/2019 14:45	grab	F	No		X				RFS01-06.1902014-001
GS10	1/31/2019 15:40	1/31/2019 15:40	grab	F	No		X				RFS01-06.1902014-004
WOMPOC	1/3/2019 12:34	2/12/2019 13:15	composite	F	No		X		X		RFS01-05.1902010-002
GS10	2/14/2019 11:10	2/14/2019 11:10	grab	F	No		X				RFS01-04.1902016-001
B3OUTFLOW	2/14/2019 11:20	2/14/2019 11:20	grab	F	No		X				RFS01-04.1902016-002
B5INFLOW	2/14/2019 10:35	2/14/2019 10:35	grab	F	No		X				RFS01-04.1902016-003
SW093	2/14/2019 9:15	2/14/2019 9:15	grab	F	No		X	x			RFS01-04.1902016-004
SPOUT	2/14/2019 9:10	2/14/2019 9:10	grab	F	No		X	x			RFS01-04.1902016-006
GS13	2/14/2019 9:50	2/14/2019 9:50	grab	F	No		X	x			RFS01-04.1902016-007
A1EFF	2/14/2019 10:05	2/14/2019 10:05	grab	F	No		X	x			RFS01-04.1902016-011
B5INFLOW	2/14/2019 10:35	2/14/2019 10:35	grab	D	No		X				RFS01-04.1902016-014