LMS/RFS/S27691

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

Third Quarter Calendar Year 2019

October 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	*Rocky Flats Surface Water Configuration Environmental Assessment*
GEMS	Geospatial Environmental Mapping System
POC	point of compliance

1.0 Introduction

The Proposed Action assessed in the *Rocky Flats Site, Colorado, Surface Water Configuration Environmental Assessment* (DOE 2011), also called the 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 third 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 third quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available as of September 30, 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:

- Predischarge 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: Third Quarter CY 2019

- Two 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 the 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).
- During the quarter, 43 samples were collected in support of AMP monitoring objectives.

3.0 Analytical Data: Third Quarter CY 2019

Analytical data for the third quarter of CY 2019 are provided in Tables 1 and 2 (at the end of this report). Table 1 provides the analytical results, and Table 2 lists the water sampling events during the quarter.

4.0 References

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

DOE (U.S. Department of Energy), 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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
00997	WL	5/14/2019	RFS01-10.1905015-002	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.06	mg/L	B	F	0.019		FQU	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	7440-61-1	Uranium	Y	24	ug/L		F	0.05		FQ	G	STD
00997	WL	5/14/2019	RFS01-10.1905015-002	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	107-06-2	1,2-Dichloroethane	N	0.18	ug/L	J	F	0.13		FU	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	78-93-3	2-Butanone	N	2	ug/L	U	F	2		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	6/6/2019	RFS01-10.1906017-001	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	156-59-2	cis-1,2-Dichloroethene	N	1.1	ug/L		F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	79-01-6	Trichloroethene	N	3.5	ug/L		F	0.16		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
10304	WL	6/6/2019	RFS01-10.1906017-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.12	mg/L	B	F	0.019		FQU	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10594	WL	5/15/2019	RFS01-10.1905015-003	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	7440-61-1	Uranium	Y	56	ug/L		F	0.05		FQ	G	STD
10594	WL	5/15/2019	RFS01-10.1905015-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	120-82-1	1,2,4-Trichlorobenzene	N	0.58	ug/L	U	F	0.58		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	95-50-1	1,2-Dichlorobenzene	N	0.22	ug/L	U	F	0.22		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	541-73-1	1,3-Dichlorobenzene	N	0.29	ug/L	U	F	0.29		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	106-46-7	1,4-Dichlorobenzene	N	1.3	ug/L	U	F	1.3		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	95-95-4	2,4,5-Trichlorophenol	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	88-06-2	2,4,6-Trichlorophenol	N	0.28	ug/L	U	F	0.28		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	120-83-2	2,4-Dichlorophenol	N	0.63	ug/L	U	F	0.63		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	105-67-9	2,4-Dimethylphenol	N	0.57	ug/L	U	F	0.57		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	51-28-5	2,4-Dinitrophenol	N	9.8	ug/L	U	F	9.8		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	121-14-2	2,4-Dinitrotoluene	N	1.6	ug/L	U	F	1.6		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	606-20-2	2,6-Dinitrotoluene	N	1.8	ug/L	U	F	1.8		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	91-58-7	2-Chloronaphthalene	N	0.25	ug/L	U	F	0.25		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	95-57-8	2-Chlorophenol	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	91-57-6	2-Methylnaphthalene	N	1.5	ug/L	U	F	1.5		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	95-48-7	2-Methylphenol	N	0.96	ug/L	U	F	0.96		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	88-74-4	2-Nitroaniline	N	1.7	ug/L	U	F	1.7		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	88-75-5	2-Nitrophenol	N	0.38	ug/L	U	F	0.38		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	91-94-1	3,3'-Dichlorobenzidine	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	99-09-2	3-Nitroaniline	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	534-52-1	4,6-Dinitro-2-methyl phenol	N	3.9	ug/L	U	F	3.9		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	101-55-3	4-Bromophenyl-phenyl ether	N	0.42	ug/L	U	F	0.42		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	59-50-7	4-Chloro-3-methylphenol	N	2.4	ug/L	U	F	2.4		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	106-47-8	4-Chloroaniline	N	2.1	ug/L	U	F	2.1		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7005-72-3	4-Chlorophenyl phenyl ether	N	1.6	ug/L	U	F	1.6		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	106-44-5	4-Methylphenol	N	0.24	ug/L	U	F	0.24		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	100-01-6	4-Nitroaniline	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	100-02-7	4-Nitrophenol	N	1.2	ug/L	U	F	1.2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	83-32-9	Acenaphthene	N	0.27	ug/L	U	F	0.27		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	208-96-8	Acenaphthylene	N	0.48	ug/L	U	F	0.48		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	120-12-7	Anthracene	N	0.41	ug/L	U	F	0.41		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-38-2	Arsenic	Y	0.00033	mg/L	U	F	0.00033		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	56-55-3	Benz(a)anthracene	N	0.34	ug/L	U	F	0.34		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	50-32-8	Benzo(a)pyrene	N	0.3	ug/L	U	F	0.3		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	205-99-2	Benzo(b)fluoranthene	N	0.52	ug/L	U	F	0.52		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	191-24-2	Benzo(g,h,i)Perylene	N	0.49	ug/L	U	F	0.49		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	207-08-9	Benzo(k)fluoranthene	N	0.45	ug/L	U	F	0.45		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	65-85-0	Benzoic acid	N	9.8	ug/L	U	F	9.8		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	100-51-6	Benzyl Alcohol	N	0.22	ug/L	U	F	0.22		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-41-7	Beryllium	Y	0.00008	mg/L	U	F	0.00008		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	111-91-1	Bis(2-chloroethoxy)methane	N	0.95	ug/L	U	F	0.95		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	111-44-4	Bis(2-chloroethyl) ether	N	0.81	ug/L	U	F	0.81		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	108-60-1	Bis(2-chloroisopropyl) ether	N	0.27	ug/L	U	F	0.27		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	117-81-7	Bis(2-ethylhexyl) phthalate	N	0.55	ug/L	U	F	0.55		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-42-8	Boron	Y	0.021	mg/L		F	0.0044		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	85-68-7	Butyl benzyl phthalate	N	0.98	ug/L	U	F	0.98		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-43-9	Cadmium	Y	0.00027	mg/L	U	F	0.00027		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-47-3	Chromium	Y	0.0005	mg/L	U	F	0.0005		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	218-01-9	Chrysene	N	0.53	ug/L	U	F	0.53		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-50-8	Copper	Y	0.00056	mg/L	U	F	0.00056		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	53-70-3	Dibenz(a,h)anthracene	N	0.5	ug/L	U	F	0.5		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	132-64-9	Dibenzofuran	N	0.28	ug/L	U	F	0.28		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	84-66-2	Diethyl phthalate	N	0.37	ug/L	U	F	0.37		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	131-11-3	Dimethyl phthalate	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	84-74-2	Di-n-butyl phthalate	N	1.1	ug/L	U	F	1.1		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	117-84-0	Di-n-octyl phthalate	N	0.34	ug/L	U	F	0.34		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	206-44-0	Fluoranthene	N	0.2	ug/L	U	F	0.2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	86-73-7	Fluorene	N	0.3	ug/L	U	F	0.3		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	118-74-1	Hexachlorobenzene	N	0.65	ug/L	U	F	0.65		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	87-68-3	Hexachlorobutadiene	N	3.2	ug/L	U	F	3.2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	77-47-4	Hexachlorocyclopentadiene	N	3	ug/L	U	F	3		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	67-72-1	Hexachloroethane	N	0.96	ug/L	U	F	0.96		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	193-39-5	Indeno(1,2,3-cd)pyrene	N	0.64	ug/L	U	F	0.64		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	78-59-1	Isophorone	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7439-92-1	Lead	Y	0.00018	mg/L	U	F	0.00018		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7439-97-6	Mercury	Y	0.000037	mg/L	J B	F	0.000027		FU	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	91-20-3	Naphthalene	N	0.28	ug/L	U	F	0.28		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-02-0	Nickel	Y	0.0014	mg/L	J	F	0.0003		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	98-95-3	Nitrobenzene	N	0.79	ug/L	U	F	0.79		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	621-64-7	N-Nitrosodi-n-propylamine	N	0.34	ug/L	U	F	0.34		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	86-30-6	N-Nitrosodiphenylamine	N	0.43	ug/L	U	F	0.43		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	87-86-5	Pentachlorophenol	N	20	ug/L	U	F	20		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	85-01-8	Phenanthrene	N	0.25	ug/L	U	F	0.25		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	108-95-2	Phenol	N	2	ug/L	U	F	2		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	129-00-0	Pyrene	N	0.36	ug/L	U	F	0.36		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7782-49-2	Selenium	Y	0.00097	mg/L	J	F	0.00037		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-22-4	Silver	Y	0.000033	mg/L	U	F	0.000033		F	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-61-1	Uranium	Y	21	ug/L		F	0.05		FJ	G	STD
11104	WL	5/29/2019	RFS01-10.1905016-018	7440-66-6	Zinc	Y	0.002	mg/L	U	F	0.002		F	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
89104	WL	5/13/2019	RFS01-10.1905015-007	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
89104	WL	5/13/2019	RFS01-10.1905015-007	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
A1EFF	SL	5/1/2019	RFS01-06.1905018-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.8	mg/L	B	F	0.019		J	G	STD
A1EFF	SL	5/1/2019	RFS01-06.1905018-001	7440-61-1	Uranium	N	12	ug/L		F	0.05			G	STD
A1EFF	SL	5/15/2019	RFS01-04.1905021-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.57	mg/L	B	F	0.019			G	STD
A1EFF	SL	5/15/2019	RFS01-04.1905021-011	7440-61-1	Uranium	N	5.3	ug/L		F	0.05			G	STD
A1EFF	SL	5/30/2019	RFS01-06.1905019-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.9	mg/L	B	F	0.019			G	STD
A1EFF	SL	5/30/2019	RFS01-06.1905019-001	7440-61-1	Uranium	N	4.1	ug/L		F	0.05			G	STD
A1EFF	SL	6/13/2019	RFS01-04.1906022-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.043	mg/L	J	F	0.019			G	STD
A1EFF	SL	6/13/2019	RFS01-04.1906022-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.042	mg/L	J	D	0.019			G	STD
A1EFF	SL	6/13/2019	RFS01-04.1906022-011	7440-61-1	Uranium	N	7.2	ug/L		F	0.4			G	STD
A1EFF	SL	6/13/2019	RFS01-04.1906022-015	7440-61-1	Uranium	N	7	ug/L		D	0.4			G	STD
A1EFF	SL	6/26/2019	RFS01-06.1906020-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
A1EFF	SL	6/26/2019	RFS01-06.1906020-001	7440-61-1	Uranium	N	5.2	ug/L		F	0.05			G	STD
A2EFF	SL	5/1/2019	RFS01-06.1905018-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1	mg/L	B	F	0.019			G	STD
A2EFF	SL	5/1/2019	RFS01-06.1905018-011	7440-61-1	Uranium	N	16	ug/L		F	0.05			G	STD
A2EFF	SL	5/15/2019	RFS01-04.1905021-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.23	mg/L	B	F	0.019		U	G	STD
A2EFF	SL	5/15/2019	RFS01-04.1905021-010	7440-61-1	Uranium	N	8.7	ug/L		F	0.05			G	STD
A2EFF	SL	5/30/2019	RFS01-06.1905019-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.5	mg/L	B	F	0.019			G	STD
A2EFF	SL	5/30/2019	RFS01-06.1905019-011	7440-61-1	Uranium	N	5.4	ug/L		F	0.05			G	STD
A2EFF	SL	6/13/2019	RFS01-04.1906022-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
A2EFF	SL	6/13/2019	RFS01-04.1906022-010	7440-61-1	Uranium	N	9.7	ug/L		F	0.4			G	STD
A2EFF	SL	6/26/2019	RFS01-06.1906020-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
A2EFF	SL	6/26/2019	RFS01-06.1906020-011	7440-61-1	Uranium	N	7.8	ug/L		F	0.05			G	STD
A3EFF	SL	5/1/2019	RFS01-06.1905018-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.039	mg/L	J B	F	0.019		U	G	STD
A3EFF	SL	5/1/2019	RFS01-06.1905018-012	7440-61-1	Uranium	N	20	ug/L		F	0.05			G	STD
A3EFF	SL	5/15/2019	RFS01-04.1905021-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.094	mg/L	B	F	0.019		U	G	STD
A3EFF	SL	5/15/2019	RFS01-04.1905021-009	7440-61-1	Uranium	N	10	ug/L		F	0.05			G	STD
A3EFF	SL	5/30/2019	RFS01-06.1905019-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.6	mg/L	B	F	0.019			G	STD
A3EFF	SL	5/30/2019	RFS01-06.1905019-012	7440-61-1	Uranium	N	6.1	ug/L		F	0.05			G	STD
A3EFF	SL	6/13/2019	RFS01-04.1906022-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
A3EFF	SL	6/13/2019	RFS01-04.1906022-009	7440-61-1	Uranium	N	9.4	ug/L		F	0.4			G	STD
A3EFF	SL	6/26/2019	RFS01-06.1906020-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
A3EFF	SL	6/26/2019	RFS01-06.1906020-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	D	0.019			G	STD
A3EFF	SL	6/26/2019	RFS01-06.1906020-012	7440-61-1	Uranium	N	8.4	ug/L		F	0.05			G	STD
A3EFF	SL	6/26/2019	RFS01-06.1906020-016	7440-61-1	Uranium	N	8	ug/L		D	0.05			G	STD
B3OUTFLOW	SL	5/1/2019	RFS01-06.1905018-002	7440-61-1	Uranium	N	17	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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
B3OUTFLOW	SL	5/15/2019	RFS01-04.1905021-002	7440-61-1	Uranium	N	13	ug/L		F	0.05			G	STD
B3OUTFLOW	SL	5/30/2019	RFS01-06.1905019-002	7440-61-1	Uranium	N	8.6	ug/L		F	0.05			G	STD
B3OUTFLOW	SL	6/13/2019	RFS01-04.1906022-002	7440-61-1	Uranium	N	9.6	ug/L		F	0.4			G	STD
B3OUTFLOW	SL	6/26/2019	RFS01-06.1906020-002	7440-61-1	Uranium	N	5.6	ug/L		F	0.05			G	STD
B5INFLOW	SL	5/1/2019	RFS01-06.1905018-003	7440-61-1	Uranium	N	15	ug/L		F	0.05			G	STD
B5INFLOW	SL	5/6/2019	RFS01-05.1905020-006	7440-61-1	Uranium	N	13.5	ug/L		F	0.067			C	GEN
B5INFLOW	SL	5/15/2019	RFS01-04.1905021-003	7440-61-1	Uranium	N	15	ug/L		F	0.05			G	STD
B5INFLOW	SL	5/24/2019	RFS01-05.1906021-006	7440-61-1	Uranium	N	11.1	ug/L		F	0.067			C	GEN
B5INFLOW	SL	5/29/2019	RFS01-05.1906022-006	7440-61-1	Uranium	N	10.5	ug/L		F	0.067			C	GEN
B5INFLOW	SL	5/30/2019	RFS01-06.1905019-003	7440-61-1	Uranium	N	8.7	ug/L		F	0.05			G	STD
B5INFLOW	SL	6/6/2019	RFS01-04.1906023-001	7440-61-1	Uranium	N	6.9	ug/L		F	0.05			C	STD
B5INFLOW	SL	6/13/2019	RFS01-04.1906022-003	7440-61-1	Uranium	N	8	ug/L		F	0.4			G	STD
B5INFLOW	SL	6/13/2019	RFS01-05.1906023-006	7440-61-1	Uranium	N	6.35	ug/L		F	0.067			C	GEN
B5INFLOW	SL	6/13/2019	RFS01-05.1906023-007	7440-61-1	Uranium	N	6.35	ug/L		D	0.067			C	GEN
B5INFLOW	SL	6/25/2019	RFS01-05.1907024-006	7440-61-1	Uranium	N	4.67	ug/L		F	0.067			C	GEN
B5INFLOW	SL	6/26/2019	RFS01-06.1906020-003	7440-61-1	Uranium	N	5.1	ug/L		F	0.05			G	STD
B5INFLOW	SL	7/5/2019	RFS01-05.1907025-006	7440-61-1	Uranium	N	4.08	ug/L		F	0.067			C	GEN
GS08	SL	5/1/2019	RFS01-06.1905018-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.027	mg/L	J B	F	0.019		U	G	STD
GS08	SL	5/1/2019	RFS01-06.1905018-013	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
GS08	SL	5/1/2019	RFS01-06.1905018-013	7723-14-0	Phosphorus	N	0.025	mg/L	U	F	0.025			G	STD
GS08	SL	5/1/2019	RFS01-06.1905018-013	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
GS08	SL	5/1/2019	RFS01-06.1905018-013	7440-61-1	Uranium	N	15	ug/L		F	0.05			G	STD
GS08	SL	5/7/2019	RFS01-05.1905020-002	14596-10-2	Americium-241	N	0.019	pCi/L	U	F				C	GEN
GS08	SL	5/7/2019	RFS01-05.1905020-002	13981-16-3	Plutonium-238	N	0.0044	pCi/L	U	F				C	GEN
GS08	SL	5/7/2019	RFS01-05.1905020-002	PU-239,240	Plutonium-239, 240	N	0.0044	pCi/L	U	F				C	GEN
GS08	SL	5/7/2019	RFS01-05.1905020-002	7440-61-1	Uranium	N	13.8	ug/L		F	0.067			C	GEN
GS08	SL	5/15/2019	RFS01-04.1905021-012	7440-61-1	Uranium	N	15	ug/L		F	0.05			G	STD
GS08	SL	5/24/2019	RFS01-05.1906021-002	14596-10-2	Americium-241	N	0.0145	pCi/L	U	F				C	GEN
GS08	SL	5/24/2019	RFS01-05.1906021-002	13981-16-3	Plutonium-238	N	-0.00498	pCi/L	U	F				C	GEN
GS08	SL	5/24/2019	RFS01-05.1906021-002	PU-239,240	Plutonium-239, 240	N	3.87E-09	pCi/L	U	F				C	GEN
GS08	SL	5/24/2019	RFS01-02.1905016-002	TSS	Total Suspended Solids	N	7.1	mg/L		F	2			C	STD
GS08	SL	5/24/2019	RFS01-05.1906021-002	7440-61-1	Uranium	N	14	ug/L		F	0.067			C	GEN
GS08	SL	5/29/2019	RFS01-05.1906022-002	14596-10-2	Americium-241	N	-0.00647	pCi/L	U	F				C	GEN
GS08	SL	5/29/2019	RFS01-05.1906022-002	13981-16-3	Plutonium-238	N	-0.00339	pCi/L	U	F				C	GEN
GS08	SL	5/29/2019	RFS01-05.1906022-002	PU-239,240	Plutonium-239, 240	N	-0.00169	pCi/L	U	F				C	GEN
GS08	SL	5/29/2019	RFS01-05.1906022-002	7440-61-1	Uranium	N	12.7	ug/L		F	0.067			C	GEN
GS08	SL	5/30/2019	RFS01-06.1905019-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.028	mg/L	J B	F	0.019		U	G	STD
GS08	SL	5/30/2019	RFS01-06.1905019-013	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
GS08	SL	5/30/2019	RFS01-06.1905019-013	7723-14-0	Phosphorus	N	0.054	mg/L		F	0.025			G	STD
GS08	SL	5/30/2019	RFS01-06.1905019-013	TKN	Total Kjeldahl Nitrogen	N	0.027	mg/L	U	F	0.027			G	STD
GS08	SL	5/30/2019	RFS01-06.1905019-013	7440-61-1	Uranium	N	10	ug/L		F	0.05			G	STD
GS08	SL	6/6/2019	RFS01-05.1906022-007	14596-10-2	Americium-241	N	0.0154	pCi/L	U	F				C	GEN
GS08	SL	6/6/2019	RFS01-05.1906022-007	13981-16-3	Plutonium-238	N	-0.0101	pCi/L	U	F				C	GEN
GS08	SL	6/6/2019	RFS01-05.1906022-007	PU-239,240	Plutonium-239, 240	N	-0.0101	pCi/L	U	F				C	GEN
GS08	SL	6/6/2019	RFS01-05.1906022-007	7440-61-1	Uranium	N	10.9	ug/L		F	0.067			C	GEN
GS08	SL	6/10/2019	RFS01-05.1906023-002	14596-10-2	Americium-241	N	0.00674	pCi/L	U	F				C	GEN
GS08	SL	6/10/2019	RFS01-05.1906023-002	13981-16-3	Plutonium-238	N	0.00902	pCi/L	U	F				C	GEN
GS08	SL	6/10/2019	RFS01-05.1906023-002	PU-239,240	Plutonium-239, 240	N	0.012	pCi/L	U	F				C	GEN
GS08	SL	6/10/2019	RFS01-05.1906023-002	7440-61-1	Uranium	N	7.19	ug/L		F	0.067			C	GEN
GS08	SL	6/13/2019	RFS01-04.1906022-012	7440-61-1	Uranium	N	11	ug/L		F	0.4			G	STD
GS08	SL	6/25/2019	RFS01-05.1907024-002	14596-10-2	Americium-241	N	0.0187	pCi/L	U	F				C	GEN
GS08	SL	6/25/2019	RFS01-05.1907024-002	13981-16-3	Plutonium-238	N	0.00717	pCi/L	U	F				C	GEN
GS08	SL	6/25/2019	RFS01-05.1907024-002	PU-239,240	Plutonium-239, 240	N	0.00179	pCi/L	U	F				C	GEN
GS08	SL	6/25/2019	RFS01-05.1907024-002	7440-61-1	Uranium	N	5.61	ug/L		F	0.067			C	GEN
GS08	SL	6/26/2019	RFS01-06.1906020-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
GS08	SL	6/26/2019	RFS01-06.1906020-013	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
GS08	SL	6/26/2019	RFS01-06.1906020-013	7723-14-0	Phosphorus	N	0.059	mg/L		F	0.025			G	STD
GS08	SL	6/26/2019	RFS01-06.1906020-013	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
GS08	SL	6/26/2019	RFS01-06.1906020-013	7440-61-1	Uranium	N	6.5	ug/L		F	0.05			G	STD
GS08	SL	7/5/2019	RFS01-05.1907025-002	14596-10-2	Americium-241	N	-0.0172	pCi/L	U	F				C	GEN
GS08	SL	7/5/2019	RFS01-05.1907025-002	13981-16-3	Plutonium-238	N	0.00362	pCi/L	U	F				C	GEN
GS08	SL	7/5/2019	RFS01-05.1907025-002	PU-239,240	Plutonium-239, 240	N	0.00121	pCi/L	U	F				C	GEN
GS08	SL	7/5/2019	RFS01-05.1907025-002	7440-61-1	Uranium	N	5.37	ug/L		F	0.067			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	14596-10-2	Americium-241	N	-0.0109	pCi/L	U	F				C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	HARD-CACO3	Hardness As CaCO3	N	457	mg/L		F	1			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	13981-16-3	Plutonium-238	N	-0.0153	pCi/L	U	F				C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	PU-239,240	Plutonium-239, 240	N	0.00127	pCi/L	U	F				C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	1/3/2019	RFS01-13.1904014-001	7440-61-1	Uranium	N	18.6	ug/L		F	0.067			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	14596-10-2	Americium-241	N	4.38E-09	pCi/L	U	F				C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	HARD-CACO3	Hardness As CaCO3	N	477	mg/L		F	1			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	13981-16-3	Plutonium-238	N	0.00461	pCi/L	U	F				C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	PU-239,240	Plutonium-239, 240	N	0.00461	pCi/L	U	F				C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	3/28/2019	RFS01-13.1904015-001	7440-61-1	Uranium	N	19.5	ug/L		F	0.067			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	14596-10-2	Americium-241	N	0.00435	pCi/L	U	F				C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	HARD-CACO3	Hardness As CaCO3	N	430	mg/L		F	1			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	13981-16-3	Plutonium-238	N	0.00278	pCi/L	U	F				C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	PU-239,240	Plutonium-239, 240	N	-0.00278	pCi/L	U	F				C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	4/25/2019	RFS01-13.1905016-001	7440-61-1	Uranium	N	18.4	ug/L		F	0.067			C	GEN
GS10	SL	5/1/2019	RFS01-06.1905018-004	7440-61-1	Uranium	N	14	ug/L		F	0.05			G	STD
GS10	SL	5/13/2019	RFS01-13.1905017-001	14596-10-2	Americium-241	N	0.00365	pCi/L	U	F				C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	HARD-CACO3	Hardness As CaCO3	N	384	mg/L		F	1			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	13981-16-3	Plutonium-238	N	0.0152	pCi/L	U	F				C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	PU-239,240	Plutonium-239, 240	N	-0.0019	pCi/L	U	F				C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/13/2019	RFS01-13.1905017-001	7440-61-1	Uranium	N	14.5	ug/L		F	0.067			C	GEN
GS10	SL	5/15/2019	RFS01-04.1905021-001	7440-61-1	Uranium	N	16	ug/L		F	0.05			G	STD
GS10	SL	5/24/2019	RFS01-13.1906018-001	14596-10-2	Americium-241	N	0.0195	pCi/L	U	F				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	14596-10-2	Americium-241	N	0.0165	pCi/L	U	D				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-41-7	Beryllium	N	0.001	mg/L	U	D	0.001			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-43-9	Cadmium	Y	0.0003	mg/L	U	D	0.0003			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-47-3	Chromium	N	0.001	mg/L	U	D	0.001			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	HARD-CACO3	Hardness As CaCO3	N	186	mg/L		F	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	HARD-CACO3	Hardness As CaCO3	N	159	mg/L		D	1			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	13981-16-3	Plutonium-238	N	-0.0176	pCi/L	U	F				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	13981-16-3	Plutonium-238	N	0.00825	pCi/L	U	D				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	PU-239,240	Plutonium-239, 240	N	-0.00783	pCi/L	U	F				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	PU-239,240	Plutonium-239, 240	N	0.033	pCi/L	U	D				C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-22-4	Silver	Y	0.0003	mg/L	U	D	0.0003			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-001	7440-61-1	Uranium	N	10.2	ug/L		F	0.067			C	GEN
GS10	SL	5/24/2019	RFS01-13.1906018-005	7440-61-1	Uranium	N	9.35	ug/L		D	0.067			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	14596-10-2	Americium-241	N	0.00213	pCi/L	U	F				C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	HARD-CACO3	Hardness As CaCO3	N	179	mg/L		F	1			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	13981-16-3	Plutonium-238	N	-0.0101	pCi/L	U	F				C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	PU-239,240	Plutonium-239, 240	N	0.0101	pCi/L	U	F				C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	5/29/2019	RFS01-13.1906019-001	7440-61-1	Uranium	N	11.1	ug/L		F	0.067			C	GEN
GS10	SL	5/30/2019	RFS01-06.1905019-004	7440-61-1	Uranium	N	11	ug/L		F	0.05			G	STD
GS10	SL	6/6/2019	RFS01-13.1906019-005	14596-10-2	Americium-241	N	0.0231	pCi/L	U	D				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	14596-10-2	Americium-241	N	0.0109	pCi/L	U	F				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-41-7	Beryllium	N	0.001	mg/L	U	D	0.001			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-43-9	Cadmium	Y	0.0003	mg/L	U	D	0.0003			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-47-3	Chromium	N	0.001	mg/L	U	D	0.001			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	HARD-CACO3	Hardness As CaCO3	N	193	mg/L		D	1		J	C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	HARD-CACO3	Hardness As CaCO3	N	145	mg/L		F	1		J	C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	13981-16-3	Plutonium-238	N	0.00581	pCi/L	U	D				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	13981-16-3	Plutonium-238	N	-0.00131	pCi/L	U	F				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	PU-239,240	Plutonium-239, 240	N	0.00435	pCi/L	U	D				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	PU-239,240	Plutonium-239, 240	N	0.017	pCi/L	U	F				C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-22-4	Silver	Y	0.0003	mg/L	U	D	0.0003			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-005	7440-61-1	Uranium	N	6.8	ug/L		D	0.067			C	GEN
GS10	SL	6/6/2019	RFS01-13.1906019-007	7440-61-1	Uranium	N	6.95	ug/L		F	0.067			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	14596-10-2	Americium-241	N	0.00552	pCi/L	U	F				C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	HARD-CACO3	Hardness As CaCO3	N	344	mg/L		F	1			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	13981-16-3	Plutonium-238	N	0.00416	pCi/L	U	F				C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	PU-239,240	Plutonium-239, 240	N	-0.00139	pCi/L	U	F				C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/10/2019	RFS01-13.1906020-001	7440-61-1	Uranium	N	11.5	ug/L	E	F	0.067		J	C	GEN
GS10	SL	6/13/2019	RFS01-04.1906022-001	7440-61-1	Uranium	N	12	ug/L	W	F	0.4			G	STD
GS10	SL	6/18/2019	RFS01-13.1906021-001	14596-10-2	Americium-241	N	-0.00433	pCi/L	U	F				C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-47-3	Chromium	N	0.00101	mg/L	B	F	0.001			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	HARD-CACO3	Hardness As CaCO3	N	295	mg/L		F	1			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	13981-16-3	Plutonium-238	N	0.00788	pCi/L	U	F				C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	PU-239,240	Plutonium-239, 240	N	0.00657	pCi/L	U	F				C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/18/2019	RFS01-13.1906021-001	7440-61-1	Uranium	N	8.68	ug/L	E	F	0.067		J	C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	14596-10-2	Americium-241	N	0.00303	pCi/L	U	F				C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	HARD-CACO3	Hardness As CaCO3	N	166	mg/L		F	1			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	13981-16-3	Plutonium-238	N	-0.00316	pCi/L	U	F				C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	PU-239,240	Plutonium-239, 240	N	-0.0126	pCi/L	U	F				C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	6/25/2019	RFS01-13.1907023-001	7440-61-1	Uranium	N	4.72	ug/L		F	0.067			C	GEN
GS10	SL	6/26/2019	RFS01-06.1906020-004	7440-61-1	Uranium	N	7.9	ug/L		F	0.05			G	STD
GS10	SL	7/2/2019	RFS01-13.1907024-001	14596-10-2	Americium-241	N	0.00426	pCi/L	U	F				C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	HARD-CACO3	Hardness As CaCO3	N	249	mg/L		F	1			C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	13981-16-3	Plutonium-238	N	-0.00521	pCi/L	U	F				C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	PU-239,240	Plutonium-239, 240	N	-0.0117	pCi/L	U	F				C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
GS10	SL	7/2/2019	RFS01-13.1907024-001	7440-61-1	Uranium	N	6.4	ug/L		F	0.067			C	GEN
GS11	SL	5/1/2019	RFS01-06.1905018-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.025	mg/L	J B	F	0.019		U	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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS11	SL	5/1/2019	RFS01-06.1905018-015	7727-37-9	Nitrogen, Total	N	1.2	mg/L		F	0.042			G	STD
GS11	SL	5/1/2019	RFS01-06.1905018-015	7723-14-0	Phosphorus	N	0.045	mg/L	J	F	0.025			G	STD
GS11	SL	5/1/2019	RFS01-06.1905018-015	TKN	Total Kjeldahl Nitrogen	N	1.2	mg/L		F	0.69			G	STD
GS11	SL	5/1/2019	RFS01-06.1905018-015	7440-61-1	Uranium	N	17	ug/L		F	0.05			G	STD
GS11	SL	5/13/2019	RFS01-05.1905020-003	14596-10-2	Americium-241	N	-0.00646	pCi/L	U	F				C	GEN
GS11	SL	5/13/2019	RFS01-05.1905020-003	13981-16-3	Plutonium-238	N	0.00638	pCi/L	U	F				C	GEN
GS11	SL	5/13/2019	RFS01-05.1905020-003	PU-239,240	Plutonium-239, 240	N	0.0234	pCi/L	U	F				C	GEN
GS11	SL	5/13/2019	RFS01-05.1905020-003	7440-61-1	Uranium	N	13.3	ug/L		F	0.067			C	GEN
GS11	SL	5/15/2019	RFS01-04.1905021-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.55	mg/L	B	F	0.019			G	STD
GS11	SL	5/15/2019	RFS01-04.1905021-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.54	mg/L	B	D	0.019			G	STD
GS11	SL	5/15/2019	RFS01-04.1905021-013	7440-61-1	Uranium	N	13	ug/L		F	0.05			G	STD
GS11	SL	5/15/2019	RFS01-04.1905021-015	7440-61-1	Uranium	N	13	ug/L		D	0.05			G	STD
GS11	SL	5/24/2019	RFS01-05.1906021-003	14596-10-2	Americium-241	N	-0.0025	pCi/L	U	F				C	GEN
GS11	SL	5/24/2019	RFS01-05.1906021-003	13981-16-3	Plutonium-238	N	-0.0039	pCi/L	U	F				C	GEN
GS11	SL	5/24/2019	RFS01-05.1906021-003	PU-239,240	Plutonium-239, 240	N	0.0234	pCi/L	U	F				C	GEN
GS11	SL	5/24/2019	RFS01-02.1905016-003	TSS	Total Suspended Solids	N	19	mg/L		F	2			C	STD
GS11	SL	5/24/2019	RFS01-05.1906021-003	7440-61-1	Uranium	N	10.8	ug/L		F	0.067			C	GEN
GS11	SL	5/24/2019	RFS01-05.1905020-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.514	mg/L		F	0.017			G	GEN
GS11	SL	5/29/2019	RFS01-05.1906022-003	14596-10-2	Americium-241	N	0.00507	pCi/L	U	F				C	GEN
GS11	SL	5/29/2019	RFS01-05.1906022-003	13981-16-3	Plutonium-238	N	0.00518	pCi/L	U	F				C	GEN
GS11	SL	5/29/2019	RFS01-05.1906022-003	PU-239,240	Plutonium-239, 240	N	0.0155	pCi/L	U	F				C	GEN
GS11	SL	5/29/2019	RFS01-05.1906022-003	7440-61-1	Uranium	N	8.61	ug/L		F	0.067			C	GEN
GS11	SL	5/29/2019	RFS01-05.1906021-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.2	mg/L		F	0.085		J	G	GEN
GS11	SL	5/30/2019	RFS01-06.1905019-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.2	mg/L	B	F	0.019			G	STD
GS11	SL	5/30/2019	RFS01-06.1905019-015	7727-37-9	Nitrogen, Total	N	1.2	mg/L		F	0.042			G	STD
GS11	SL	5/30/2019	RFS01-06.1905019-015	7723-14-0	Phosphorus	N	0.037	mg/L	J	F	0.025			G	STD
GS11	SL	5/30/2019	RFS01-06.1905019-015	TKN	Total Kjeldahl Nitrogen	N	0.032	mg/L	J	F	0.027			G	STD
GS11	SL	5/30/2019	RFS01-06.1905019-015	7440-61-1	Uranium	N	7.8	ug/L		F	0.05			G	STD
GS11	SL	6/6/2019	RFS01-05.1906022-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.35	mg/L		F	0.017			G	GEN
GS11	SL	6/6/2019	RFS01-05.1906022-008	14596-10-2	Americium-241	N	0.00753	pCi/L	U	F				C	GEN
GS11	SL	6/6/2019	RFS01-05.1906022-008	13981-16-3	Plutonium-238	N	0.00785	pCi/L	U	F				C	GEN
GS11	SL	6/6/2019	RFS01-05.1906022-008	PU-239,240	Plutonium-239, 240	N	0.00784	pCi/L	U	F				C	GEN
GS11	SL	6/6/2019	RFS01-05.1906022-008	7440-61-1	Uranium	N	8	ug/L		F	0.067			C	GEN
GS11	SL	6/10/2019	RFS01-05.1906022-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.405	mg/L		F	0.017			G	GEN
GS11	SL	6/10/2019	RFS01-05.1907024-003	14596-10-2	Americium-241	N	-0.00868	pCi/L	U	F				C	GEN
GS11	SL	6/10/2019	RFS01-05.1907024-003	13981-16-3	Plutonium-238	N	-0.00193	pCi/L	U	F				C	GEN
GS11	SL	6/10/2019	RFS01-05.1907024-003	PU-239,240	Plutonium-239, 240	N	0.00386	pCi/L	U	F				C	GEN
GS11	SL	6/10/2019	RFS01-05.1907024-003	7440-61-1	Uranium	N	6.86	ug/L		F	0.067			C	GEN
GS11	SL	6/13/2019	RFS01-04.1906022-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.067	mg/L		F	0.019			G	STD
GS11	SL	6/13/2019	RFS01-04.1906022-013	7440-61-1	Uranium	N	9.2	ug/L		F	0.4			G	STD
GS11	SL	6/26/2019	RFS01-06.1906020-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
GS11	SL	6/26/2019	RFS01-06.1906020-015	7727-37-9	Nitrogen, Total	N	0.72	mg/L		F	0.042			G	STD
GS11	SL	6/26/2019	RFS01-06.1906020-015	7723-14-0	Phosphorus	N	0.057	mg/L		F	0.025			G	STD
GS11	SL	6/26/2019	RFS01-06.1906020-015	TKN	Total Kjeldahl Nitrogen	N	0.72	mg/L	J	F	0.69			G	STD
GS11	SL	6/26/2019	RFS01-06.1906020-015	7440-61-1	Uranium	N	7.5	ug/L		F	0.05			G	STD
GS11	SL	7/2/2019	RFS01-05.1907024-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
GS12	SL	5/13/2019	RFS01-05.1905020-005	7440-61-1	Uranium	N	9.79	ug/L		F	0.067			C	GEN
GS12	SL	5/24/2019	RFS01-05.1906021-005	7440-61-1	Uranium	N	6.2	ug/L		F	0.067			C	GEN
GS12	SL	5/29/2019	RFS01-05.1906022-005	7440-61-1	Uranium	N	7.49	ug/L		F	0.067			C	GEN
GS12	SL	6/6/2019	RFS01-05.1906023-005	7440-61-1	Uranium	N	7.07	ug/L		F	0.067			C	GEN
GS12	SL	6/25/2019	RFS01-04.1907025-008	7440-61-1	Uranium	N	5.4	ug/L		F	0.05			C	STD
GS13	SL	1/3/2019	RFS01-01.1904013-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	7.45	mg/L	H	F	0.17			C	GEN
GS13	SL	1/3/2019	RFS01-01.1904013-001	7440-61-1	Uranium	N	14.7	ug/L		F	0.067			C	GEN
GS13	SL	4/8/2019	RFS01-04.1904020-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	5.25	mg/L		F	0.425			C	GEN
GS13	SL	4/8/2019	RFS01-04.1904020-007	7440-61-1	Uranium	N	7.68	ug/L		F	0.067			C	GEN
GS13	SL	4/18/2019	RFS01-02.1905014-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.2	mg/L	B	F	0.019		J	C	STD
GS13	SL	4/18/2019	RFS01-02.1905014-004	7440-61-1	Uranium	N	4.9	ug/L		F	0.05			C	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.2	mg/L	B	F	0.019			G	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	7727-37-9	Nitrogen, Total	N	3.2	mg/L		F	0.042			G	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	7723-14-0	Phosphorus	N	0.11	mg/L		F	0.025			G	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
GS13	SL	5/1/2019	RFS01-06.1905018-005	7440-61-1	Uranium	N	7.4	ug/L		F	0.05			G	STD
GS13	SL	5/1/2019	RFS01-01.1905015-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	5	mg/L		F	0.17			C	GEN
GS13	SL	5/1/2019	RFS01-01.1905015-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.88	mg/L		D	0.17			C	GEN
GS13	SL	5/1/2019	RFS01-01.1905015-001	7440-61-1	Uranium	N	6.46	ug/L		F	0.067			C	GEN
GS13	SL	5/1/2019	RFS01-01.1905015-007	7440-61-1	Uranium	N	6.18	ug/L		D	0.067			C	GEN
GS13	SL	5/13/2019	RFS01-01.1905016-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	5.19	mg/L		F	0.17			C	GEN
GS13	SL	5/13/2019	RFS01-01.1905016-001	7440-61-1	Uranium	N	5.59	ug/L		F	0.067			C	GEN
GS13	SL	5/15/2019	RFS01-04.1905021-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.1	mg/L	B	F	0.019			G	STD
GS13	SL	5/15/2019	RFS01-04.1905021-007	7440-61-1	Uranium	N	5.3	ug/L		F	0.05			G	STD
GS13	SL	5/24/2019	RFS01-01.1906017-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.53	mg/L		F	0.085		J	C	GEN
GS13	SL	5/24/2019	RFS01-01.1906017-001	7440-61-1	Uranium	N	3.75	ug/L		F	0.067			C	GEN
GS13	SL	5/29/2019	RFS01-01.1906018-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.56	mg/L		F	0.085			C	GEN
GS13	SL	5/29/2019	RFS01-01.1906018-001	7440-61-1	Uranium	N	5.23	ug/L		F	0.067			C	GEN
GS13	SL	5/30/2019	RFS01-06.1905019-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.4	mg/L	B	F	0.019			G	STD
GS13	SL	5/30/2019	RFS01-06.1905019-005	7727-37-9	Nitrogen, Total	N	3.4	mg/L		F	0.042			G	STD
GS13	SL	5/30/2019	RFS01-06.1905019-005	7723-14-0	Phosphorus	N	0.066	mg/L		F	0.025			G	STD
GS13	SL	5/30/2019	RFS01-06.1905019-005	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
GS13	SL	5/30/2019	RFS01-06.1905019-005	7440-61-1	Uranium	N	5	ug/L		F	0.05			G	STD
GS13	SL	6/6/2019	RFS01-13.1906022-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.64	mg/L		F	0.17		J	C	GEN
GS13	SL	6/6/2019	RFS01-13.1906022-001	7440-61-1	Uranium	N	7.05	ug/L		F	0.067			C	GEN
GS13	SL	6/13/2019	RFS01-04.1906022-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.3	mg/L		F	0.019			G	STD
GS13	SL	6/13/2019	RFS01-04.1906022-007	7440-61-1	Uranium	N	8	ug/L		F	0.4			G	STD
GS13	SL	6/25/2019	RFS01-01.1907019-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.14	mg/L		F	0.17			C	GEN
GS13	SL	6/25/2019	RFS01-01.1907019-001	7440-61-1	Uranium	N	3.72	ug/L		F	0.067			C	GEN
GS13	SL	6/26/2019	RFS01-06.1906020-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.7	mg/L		F	0.019			G	STD
GS13	SL	6/26/2019	RFS01-06.1906020-005	7727-37-9	Nitrogen, Total	N	4.5	mg/L		F	0.042			G	STD
GS13	SL	6/26/2019	RFS01-06.1906020-005	7723-14-0	Phosphorus	N	0.3	mg/L		F	0.025			G	STD
GS13	SL	6/26/2019	RFS01-06.1906020-005	TKN	Total Kjeldahl Nitrogen	N	0.77	mg/L	J	F	0.69			G	STD
GS13	SL	6/26/2019	RFS01-06.1906020-005	7440-61-1	Uranium	N	7.5	ug/L		F	0.05		J	G	STD
GS13	SL	7/5/2019	RFS01-04.1908027-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.5	mg/L	H	F	0.019			C	STD
GS13	SL	7/5/2019	RFS01-04.1908027-007	7440-61-1	Uranium	N	0.2	ug/L	B	F	0.05		U	C	STD
GS31	SL	4/15/2019	RFS01-05.1905020-001	14596-10-2	Americium-241	N	0	pCi/L	U	F				C	GEN

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
GS31	SL	4/15/2019	RFS01-05.1905020-001	13981-16-3	Plutonium-238	N	0.00422	pCi/L	U	F				C	GEN
GS31	SL	4/15/2019	RFS01-05.1905020-001	PU-239,240	Plutonium-239, 240	N	0.0337	pCi/L	U	F				C	GEN
GS31	SL	4/15/2019	RFS01-05.1905020-001	7440-61-1	Uranium	N	12.8	ug/L		F	0.067			C	GEN
GS31	SL	5/24/2019	RFS01-05.1906021-001	14596-10-2	Americium-241	N	0.0121	pCi/L	U	F				C	GEN
GS31	SL	5/24/2019	RFS01-05.1906021-001	13981-16-3	Plutonium-238	N	0.00967	pCi/L	U	F				C	GEN
GS31	SL	5/24/2019	RFS01-05.1906021-001	PU-239,240	Plutonium-239, 240	N	0.0193	pCi/L	U	F				C	GEN
GS31	SL	5/24/2019	RFS01-02.1905016-004	TSS	Total Suspended Solids	N	41	mg/L		F	2			C	STD
GS31	SL	5/24/2019	RFS01-05.1906021-001	7440-61-1	Uranium	N	9.52	ug/L		F	0.067			C	GEN
GS31	SL	5/29/2019	RFS01-05.1906022-001	7440-61-1	Uranium	N	9.78	ug/L		F	0.067			C	GEN
GS31	SL	6/6/2019	RFS01-05.1906023-001	14596-10-2	Americium-241	N	0.0117	pCi/L	U	F				C	GEN
GS31	SL	6/6/2019	RFS01-05.1906023-001	13981-16-3	Plutonium-238	N	-0.00351	pCi/L	U	F				C	GEN
GS31	SL	6/6/2019	RFS01-05.1906023-001	PU-239,240	Plutonium-239, 240	N	0.0211	pCi/L	U	F				C	GEN
GS31	SL	6/6/2019	RFS01-05.1906023-001	7440-61-1	Uranium	N	9.59	ug/L		F	0.067			C	GEN
GS31	SL	6/26/2019	RFS01-05.1907025-001	14596-10-2	Americium-241	N	-0.00234	pCi/L	U	F				C	GEN
GS31	SL	6/26/2019	RFS01-05.1907025-001	13981-16-3	Plutonium-238	N	0.00166	pCi/L	U	F				C	GEN
GS31	SL	6/26/2019	RFS01-05.1907025-001	PU-239,240	Plutonium-239, 240	N	0.00166	pCi/L	U	F				C	GEN
GS31	SL	6/26/2019	RFS01-05.1907025-001	7440-61-1	Uranium	N	9.15	ug/L		F	0.067			C	GEN
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	18	mg/L	B	F	0.038			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	7727-37-9	Nitrogen, Total	N	38	mg/L		F	0.042			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	7723-14-0	Phosphorus	N	9.4	mg/L		F	2.5			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	TKN	Total Kjeldahl Nitrogen	N	20	mg/L		F	3.4			G	STD
SPOUT	TS	5/1/2019	RFS01-06.1905018-007	7440-61-1	Uranium	N	51	ug/L		F	0.05			G	STD
SPOUT	TS	5/15/2019	RFS01-04.1905021-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.12	mg/L	B	F	0.019		U	G	STD
SPOUT	TS	5/15/2019	RFS01-04.1905021-006	7440-61-1	Uranium	N	35	ug/L		F	0.05			G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.08	mg/L	B	F	0.019		U	G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	7727-37-9	Nitrogen, Total	N	3.2	mg/L		F	0.042			G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	7723-14-0	Phosphorus	N	4.2	mg/L		F	0.025			G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	TKN	Total Kjeldahl Nitrogen	N	3.1	mg/L		F	0.69			G	STD
SPOUT	TS	5/30/2019	RFS01-06.1905019-007	7440-61-1	Uranium	N	19	ug/L		F	0.05			G	STD
SPOUT	TS	6/13/2019	RFS01-04.1906022-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.021	mg/L	J	F	0.019			G	STD
SPOUT	TS	6/13/2019	RFS01-04.1906022-006	7440-61-1	Uranium	N	65	ug/L		F	0.4			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.6	mg/L		F	0.019			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	7727-37-9	Nitrogen, Total	N	23	mg/L		F	0.042			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	7723-14-0	Phosphorus	N	9.8	mg/L		F	2.5			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	TKN	Total Kjeldahl Nitrogen	N	21	mg/L		F	3.4			G	STD
SPOUT	TS	6/26/2019	RFS01-06.1906020-007	7440-61-1	Uranium	N	54	ug/L		F	0.05			G	STD
SW093	SL	1/3/2019	RFS01-01.1904012-003	14596-10-2	Americium-241	N	-0.0689	pCi/L	U	F				C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	HARD-CACO3	Hardness As CaCO3	N	510	mg/L		F	1			C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	13981-16-3	Plutonium-238	N	-0.00454	pCi/L	U	F				C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	PU-239,240	Plutonium-239, 240	N	0.00302	pCi/L	U	F				C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	1/3/2019	RFS01-01.1904012-003	7440-61-1	Uranium	N	5.25	ug/L		F	0.067			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	14596-10-2	Americium-241	N	0.00268	pCi/L	U	F				C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-61-1	Uranium	N	5.25	ug/L		F	0.067			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	14596-10-2	Americium-241	N	0.00268	pCi/L	U	F				C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	HARD-CACO3	Hardness As CaCO3	N	350	mg/L		F	1			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	13981-16-3	Plutonium-238	N	0.00224	pCi/L	U	F				C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	PU-239,240	Plutonium-239, 240	N	0.00336	pCi/L	U	F				C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	3/28/2019	RFS01-13.1904015-003	7440-61-1	Uranium	N	3.28	ug/L		F	0.067			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	14596-10-2	Americium-241	N	0.00767	pCi/L	U	F				C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	HARD-CACO3	Hardness As CaCO3	N	258	mg/L		F	1			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	13981-16-3	Plutonium-238	N	0.00107	pCi/L	U	F				C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	PU-239,240	Plutonium-239, 240	N	0.00745	pCi/L	U	F				C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	4/25/2019	RFS01-01.1905015-006	7440-61-1	Uranium	N	3.5	ug/L		F	0.067			C	GEN
SW093	SL	5/1/2019	RFS01-06.1905018-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.15	mg/L	B	F	0.019			G	STD
SW093	SL	5/1/2019	RFS01-06.1905018-008	7440-61-1	Uranium	N	2.8	ug/L		F	0.05			G	STD
SW093	SL	5/13/2019	RFS01-01.1905016-006	14596-10-2	Americium-241	N	0.00183	pCi/L	U	F				C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-47-3	Chromium	N	0.00104	mg/L	B	F	0.001			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	HARD-CACO3	Hardness As CaCO3	N	230	mg/L		F	1			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	13981-16-3	Plutonium-238	N	0.00367	pCi/L	U	F				C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	PU-239,240	Plutonium-239, 240	N	0.00916	pCi/L	U	F				C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	5/13/2019	RFS01-01.1905016-006	7440-61-1	Uranium	N	4.23	ug/L		F	0.067			C	GEN
SW093	SL	5/15/2019	RFS01-04.1905021-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.14	mg/L	B	F	0.019		U	G	STD
SW093	SL	5/15/2019	RFS01-04.1905021-004	7440-61-1	Uranium	N	1.6	ug/L		F	0.05			G	STD
SW093	SL	5/24/2019	RFS01-01.1906017-006	14596-10-2	Americium-241	N	0.0165	pCi/L	U	F				C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	HARD-CACO3	Hardness As CaCO3	N	178	mg/L		F	1			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	13981-16-3	Plutonium-238	N	0.00329	pCi/L	U	F				C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	PU-239,240	Plutonium-239, 240	N	0.00164	pCi/L	U	F				C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	5/24/2019	RFS01-01.1906017-006	7440-61-1	Uranium	N	3.3	ug/L		F	0.067			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	14596-10-2	Americium-241	N	0.00739	pCi/L	U	F				C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	HARD-CACO3	Hardness As CaCO3	N	261	mg/L		F	1			C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	13981-16-3	Plutonium-238	N	-0.00559	pCi/L	U	F				C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	PU-239,240	Plutonium-239, 240	N	-1.86E-09	pCi/L	U	F				C	GEN
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN

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LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
SW093	SL	5/29/2019	RFS01-01.1906018-006	7440-61-1	Uranium	N	4.31	ug/L		F	0.067			C	GEN
SW093	SL	5/30/2019	RFS01-06.1905019-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.1	mg/L	B	F	0.019			G	STD
SW093	SL	5/30/2019	RFS01-06.1905019-008	7440-61-1	Uranium	N	3.8	ug/L		F	0.05			G	STD
SW093	SL	6/6/2019	RFS01-01.1906018-007	14596-10-2	Americium-241	N	-0.0125	pCi/L	U	F				C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	HARD-CACO3	Hardness As CaCO3	N	176	mg/L		F	1			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	13981-16-3	Plutonium-238	N	0.00178	pCi/L	U	F				C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	PU-239,240	Plutonium-239, 240	N	0.00713	pCi/L	U	F				C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/6/2019	RFS01-01.1906018-007	7440-61-1	Uranium	N	2.54	ug/L		F	0.067			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	14596-10-2	Americium-241	N	0.00697	pCi/L	U	F				C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	HARD-CACO3	Hardness As CaCO3	N	211	mg/L		F	1			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	13981-16-3	Plutonium-238	N	0.0039	pCi/L	U	F				C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	PU-239,240	Plutonium-239, 240	N	0.00195	pCi/L	U	F				C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/10/2019	RFS01-13.1906022-006	7440-61-1	Uranium	N	5.74	ug/L		F	0.067			C	GEN
SW093	SL	6/13/2019	RFS01-04.1906022-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2	mg/L		F	0.019			G	STD
SW093	SL	6/13/2019	RFS01-04.1906022-004	7440-61-1	Uranium	N	5.1	ug/L		F	0.4			G	STD
SW093	SL	6/25/2019	RFS01-01.1907019-006	14596-10-2	Americium-241	N	-0.00776	pCi/L	U	F				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	14596-10-2	Americium-241	N	0.00741	pCi/L	U	D				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-41-7	Beryllium	N	0.001	mg/L	U	D	0.001			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-43-9	Cadmium	Y	0.0003	mg/L	U	D	0.0003			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-47-3	Chromium	N	0.00253	mg/L	B	F	0.001			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-47-3	Chromium	N	0.00222	mg/L	B	D	0.001			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	HARD-CACO3	Hardness As CaCO3	N	138	mg/L		F	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	HARD-CACO3	Hardness As CaCO3	N	152	mg/L		D	1			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	13981-16-3	Plutonium-238	N	-1.01E-09	pCi/L	U	F				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	13981-16-3	Plutonium-238	N	-0.00136	pCi/L	U	D				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	PU-239,240	Plutonium-239, 240	N	0.0162	pCi/L	U	F				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	PU-239,240	Plutonium-239, 240	N	0.00273	pCi/L	U	D				C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-22-4	Silver	Y	0.0003	mg/L	U	D	0.0003			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-006	7440-61-1	Uranium	N	2.49	ug/L		F	0.067			C	GEN
SW093	SL	6/25/2019	RFS01-01.1907019-009	7440-61-1	Uranium	N	2.44	ug/L		D	0.067			C	GEN
SW093	SL	6/26/2019	RFS01-06.1906020-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
SW093	SL	6/26/2019	RFS01-06.1906020-008	7440-61-1	Uranium	N	3	ug/L		F	0.05			G	STD
SW093	SL	7/5/2019	RFS01-13.1907026-002	14596-10-2	Americium-241	N	0.0108	pCi/L	U	F				C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	7440-41-7	Beryllium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	7440-43-9	Cadmium	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	7440-47-3	Chromium	N	0.001	mg/L	U	F	0.001			C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	HARD-CACO3	Hardness As CaCO3	N	207	mg/L		F	1			C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	13981-16-3	Plutonium-238	N	0.00831	pCi/L	U	F				C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	PU-239,240	Plutonium-239, 240	N	0.00237	pCi/L	U	F				C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	7440-22-4	Silver	Y	0.0003	mg/L	U	F	0.0003			C	GEN
SW093	SL	7/5/2019	RFS01-13.1907026-002	7440-61-1	Uranium	N	3.16	ug/L		F	0.067			C	GEN
WALPOC	SL	5/1/2019	RFS01-06.1905018-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.029	mg/L	J B	F	0.019		U	G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.031	mg/L	J B	D	0.019		U	G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-014	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-016	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	D	0.042			G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-014	7723-14-0	Phosphorus	N	0.027	mg/L	J	F	0.025			G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-016	7723-14-0	Phosphorus	N	0.028	mg/L	J	D	0.025			G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-014	TKN	Total Kjeldahl Nitrogen	N	3.4	mg/L	U	F	3.4			G	STD
WALPOC	SL	5/1/2019	RFS01-06.1905018-016	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	D	0.69			G	STD
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	14596-10-2	Americium-241	N	0.0189	pCi/L	U	F				C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	13981-16-3	Plutonium-238	N	-0.0174	pCi/L	U	F				C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	PU-239,240	Plutonium-239, 240	N	0.0224	pCi/L	U	F				C	GEN
WALPOC	SL	5/24/2019	RFS01-02.1905016-006	TSS	Total Suspended Solids	N	34	mg/L		F	2			C	STD
WALPOC	SL	5/24/2019	RFS01-13.1906018-003	7440-61-1	Uranium	N	10.8	ug/L		F	0.067			C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906018-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.59	mg/L		F	0.085		J	G	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	14596-10-2	Americium-241	N	0.011	pCi/L	U	F				C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	13981-16-3	Plutonium-238	N	0	pCi/L	U	F				C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	PU-239,240	Plutonium-239, 240	N	0.00711	pCi/L	U	F				C	GEN
WALPOC	SL	5/29/2019	RFS01-13.1906019-003	7440-61-1	Uranium	N	9.61	ug/L		F	0.067			C	GEN
WALPOC	SL	5/30/2019	RFS01-06.1905019-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.46	mg/L	B	F	0.019			G	STD
WALPOC	SL	5/30/2019	RFS01-06.1905019-014	7727-37-9	Nitrogen, Total	N	0.46	mg/L		F	0.042			G	STD
WALPOC	SL	5/30/2019	RFS01-06.1905019-014	7723-14-0	Phosphorus	N	0.046	mg/L	J	F	0.025			G	STD
WALPOC	SL	5/30/2019	RFS01-06.1905019-014	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
WALPOC	SL	6/6/2019	RFS01-13.1906019-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.132	mg/L		F	0.017			G	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	14596-10-2	Americium-241	N	0.0046	pCi/L	U	F				C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	13981-16-3	Plutonium-238	N	-0.00389	pCi/L	U	F				C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	PU-239,240	Plutonium-239, 240	N	0.00389	pCi/L	U	F				C	GEN
WALPOC	SL	6/6/2019	RFS01-13.1906019-009	7440-61-1	Uranium	N	8.36	ug/L		F	0.067			C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906019-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.0882	mg/L		F	0.017			G	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	14596-10-2	Americium-241	N	-0.0103	pCi/L	U	F				C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	13981-16-3	Plutonium-238	N	0.00275	pCi/L	U	F				C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	PU-239,240	Plutonium-239, 240	N	0.00688	pCi/L	U	F				C	GEN
WALPOC	SL	6/10/2019	RFS01-13.1906021-003	7440-61-1	Uranium	N	7.26	ug/L	E	F	0.067		J	C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1906021-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017		J	G	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	14596-10-2	Americium-241	N	0.00981	pCi/L	U	F				C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	13981-16-3	Plutonium-238	N	-0.00292	pCi/L	U	F				C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	PU-239,240	Plutonium-239, 240	N	0.00584	pCi/L	U	F				C	GEN
WALPOC	SL	6/25/2019	RFS01-13.1907023-003	7440-61-1	Uranium	N	5.62	ug/L		F	0.067			C	GEN
WALPOC	SL	6/26/2019	RFS01-06.1906020-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019			G	STD
WALPOC	SL	6/26/2019	RFS01-06.1906020-014	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
WALPOC	SL	6/26/2019	RFS01-06.1906020-014	7723-14-0	Phosphorus	N	0.048	mg/L	J	F	0.025			G	STD
WALPOC	SL	6/26/2019	RFS01-06.1906020-014	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			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	UNCER-TAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WALPOC	SL	7/5/2019	RFS01-13.1907023-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
WALPOC	SL	7/5/2019	RFS01-13.1907025-003	14596-10-2	Americium-241	N	0.00963	pCi/L	U	F				C	GEN
WALPOC	SL	7/5/2019	RFS01-13.1907025-003	13981-16-3	Plutonium-238	N	-0.0035	pCi/L	U	F				C	GEN
WALPOC	SL	7/5/2019	RFS01-13.1907025-003	PU-239,240	Plutonium-239, 240	N	0.00233	pCi/L	U	F				C	GEN
WALPOC	SL	7/5/2019	RFS01-13.1907025-003	7440-61-1	Uranium	N	6.51	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	14596-10-2	Americium-241	N	0.0113	pCi/L	U	F				C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	13981-16-3	Plutonium-238	N	-0.00155	pCi/L	U	F				C	GEN
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	PU-239,240	Plutonium-239, 240	N	0.00929	pCi/L	U	F				C	GEN
WOMPOC	SL	5/24/2019	RFS01-02.1905016-007	TSS	Total Suspended Solids	N	7.9	mg/L		F	2			C	STD
WOMPOC	SL	5/24/2019	RFS01-13.1906018-002	7440-61-1	Uranium	N	1.71	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	14596-10-2	Americium-241	N	-0.0066	pCi/L	U	F				C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	13981-16-3	Plutonium-238	N	-0.00667	pCi/L	U	F				C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	PU-239,240	Plutonium-239, 240	N	0	pCi/L	U	F				C	GEN
WOMPOC	SL	5/29/2019	RFS01-13.1906019-002	7440-61-1	Uranium	N	1.64	ug/L		F	0.067			C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	14596-10-2	Americium-241	N	0.00242	pCi/L	U	F				C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	13981-16-3	Plutonium-238	N	0	pCi/L	U	F				C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	PU-239,240	Plutonium-239, 240	N	0.00751	pCi/L	U	F				C	GEN
WOMPOC	SL	6/6/2019	RFS01-13.1906019-008	7440-61-1	Uranium	N	1.29	ug/L		F	0.067			C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	14596-10-2	Americium-241	N	0.00506	pCi/L	U	F				C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	13981-16-3	Plutonium-238	N	-0.00172	pCi/L	U	F				C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	PU-239,240	Plutonium-239, 240	N	0	pCi/L	U	F				C	GEN
WOMPOC	SL	6/10/2019	RFS01-13.1906021-002	7440-61-1	Uranium	N	2.45	ug/L	E	F	0.067		J	C	GEN

EXPLANATION

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

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

SAMPLE_TYPE
F = Field Sample
D = Duplicate

DATA_VALIDATION_QUALIFIERS

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

LAB_QUALIFIERS

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

LOCATION_TYPE

SL	SURFACE LOCATION
TS	TREATMENT SYSTEM
WL	WELL

LAB_CODE

GEN	Gel Laboratories
STD	Test America

COLLECTION_METHOD

G	Grab
C	Composite

Table 2. Water Sampling Events: Third Quarter CY 2019

	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
Location Code	**Start**	**End**	**Collection Method**	**Type**	**Filtered**	**VOC**	**U**	**Nitrate**	**Pu/Am**	**TSS**	**Sample ID**
GS11	6/10/2019 11:57	7/2/2019 14:32	composite	F	No		X		X		RFS01-05.1907024-003
GS10	6/25/2019 11:15	7/2/2019 14:05	composite	F	No		X				RFS01-13.1907023-001
SW093	6/25/2019 11:39	7/5/2019 11:32	composite	F	No		X				RFS01-01.1907019-006
SW093	6/25/2019 11:39	7/5/2019 11:32	composite	D	No		X				RFS01-01.1907019-009
GS13	6/25/2019 11:54	7/5/2019 11:51	composite	F	No		X				RFS01-01.1907019-001
B5INFLOW	6/25/2019 12:22	7/5/2019 12:18	composite	F	No		X				RFS01-05.1907024-006
GS08	6/25/2019 12:42	7/5/2019 12:33	composite	F	No		X		X		RFS01-05.1907024-002
WALPOC	6/25/2019 13:28	7/5/2019 12:55	composite	F	No		X		X		RFS01-13.1907023-003
GS12	6/25/2019 14:18	7/11/2019 10:16	composite	F	No		X				RFS01-04.1907025-008
GS31	6/26/2019 10:53	7/24/2019 10:27	composite	F	No		X		X		RFS01-05.1907025-001
GS10	7/2/2019 14:03	7/11/2019 9:50	composite	F	No		X				RFS01-13.1907024-001
GS11	7/2/2019 14:25	7/2/2019 14:25	grab	F	No			X			RFS01-05.1907024-004
SW093	7/5/2019 11:30	7/24/2019 9:45	composite	F	No		X				RFS01-13.1907026-002
GS13	7/5/2019 11:50	8/15/2019 10:50	composite	F	No		X				RFS01-04.1908027-007
B5INFLOW	7/5/2019 12:16	7/24/2019 10:00	composite	F	No		X				RFS01-05.1907025-006
GS08	7/5/2019 12:32	7/19/2019 11:46	composite	F	No		X		X		RFS01-05.1907025-002
WALPOC	7/5/2019 12:45	7/5/2019 12:45	grab	F	No			X			RFS01-13.1907023-004
WALPOC	7/5/2019 12:58	7/19/2019 12:03	composite	F	No		X		X		RFS01-13.1907025-003
GS10	7/11/2019 9:50	7/24/2019 9:16	composite	F	No		X				RFS01-13.1907025-001

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