

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

Second Quarter Calendar Year 2019

July 2019



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

AMP	Adaptive Management Plan
COU	Central Operable Unit
CY	calendar year
DOE	U.S. Department of Energy
EA	<i>Rocky Flats Surface Water Configuration Environmental Assessment</i>
GEMS	Geospatial Environmental Mapping System
POC	point of compliance

1.0 Introduction

The Proposed Action assessed in the *Rocky Flats 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 second 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 second quarter data summary tables, which include all validated analytical data for the AMP monitoring objectives that were available as of June 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:

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

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

2.0 AMP Highlights: Second Quarter CY 2019

- Eight 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).
- Four 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).
- Three informal emails were transmitted to AMP participants providing notification of individual analytical results from POCs and points of evaluation that were above the applicable surface water standard in Attachment 2, Table 1, in the *Rocky Flats Legacy Management Agreement* (DOE, EPA, and CDPHE 2007).
- During the quarter, 139 samples were collected in support of AMP monitoring objectives.

3.0 Analytical Data: Second Quarter CY 2019

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

4.0 References

DOE (U.S. Department of Energy), 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.

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

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
00193	WL	5/2/2019	RFS01-10.1905013-001	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-35-4	1,1-Dichloroethane	N	0.23	ug/L	U	F	0.23		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	67-64-1	Acetone	N	5.6	ug/L	J	F	1.9		FQU	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	7440-61-1	Uranium	Y	80	ug/L	U	F	0.05		FQ	G	STD
00193	WL	5/2/2019	RFS01-10.1905013-001	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
4087	WL	4/18/2019	RFS01-10.1904011-020	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.078	mg/L	B	F	0.019		FQU	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	7440-61-1	Uranium	Y	22	ug/L	U	F	0.05		FQ	G	STD
4087	WL	4/18/2019	RFS01-10.1904011-020	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	5/2/2019	RFS01-10.1905013-018	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	D	0.27		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	D	0.22		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	D	0.23		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	D	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	D	0.33		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	D	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	D	0.47		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	D	0.18		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	D	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	D	0.13		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	D	0.18		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	D	0.13		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	D	0.09		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	D	0.38		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	78-93-3	2-Butanone	N	2	ug/L	U	F	2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	78-93-3	2-Butanone	N	2	ug/L	U	D	2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	591-78-6	2-Hexanone	N	1.7	ug/L	U	D	1.7		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	D	0.98		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	67-64-1	Acetone	N	2.5	ug/L	J	F	1.9		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	67-64-1	Acetone	N	1.9	ug/L	U	D	1.9		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	71-43-2	Benzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-86-1	Bromobenzene	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	74-97-5	Bromochloromethane	N	0.1	ug/L	U	D	0.1		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-25-2	Bromoform	N	0.46	ug/L	U	D	0.46		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	74-83-9	Bromomethane	N	0.21	ug/L	U	D	0.21		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	D	0.19		F	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
10304	WL	5/2/2019	RFS01-10.1905013-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-90-7	Chlorobenzene	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-00-3	Chloroethane	N	0.41	ug/L	U	D	0.41		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	67-66-3	Chloroform	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	74-87-3	Chloromethane	N	0.3	ug/L	U	D	0.3		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	156-59-2	cis-1,2-Dichloroethene	N	1.1	ug/L	U	F	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	156-59-2	cis-1,2-Dichloroethene	N	0.91	ug/L	J	D	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	74-95-3	Dibromomethane	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	D	0.31		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	100-41-4	Ethylbenzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	D	0.36		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	D	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-09-2	Methylene chloride	N	0.94	ug/L	U	D	0.94		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	91-20-3	Naphthalene	N	0.22	ug/L	U	D	0.22		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	D	0.14		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.019	mg/L	U	F	0.019		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	D	0.2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	100-42-5	Styrene	N	0.36	ug/L	U	D	0.36		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	D	0.2		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	108-88-3	Toluene	N	0.17	ug/L	U	D	0.17		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	1330-20-7	Total Xylenes	N	0.19	ug/L	U	D	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	D	0.15		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	D	0.19		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	79-01-6	Trichloroethene	N	3.7	ug/L	U	F	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	79-01-6	Trichloroethene	N	3.2	ug/L	U	D	0.16		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	D	0.29		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	7440-61-1	Uranium	Y	16	ug/L	U	F	0.05		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
10304	WL	5/2/2019	RFS01-10.1905013-018	75-01-4	Vinyl chloride	N	0.1	ug/L	U	D	0.1		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		F	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
11104	WL	4/16/2019	RFS01-10.1904011-018	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	78-93-3	2-Butanone	N	2	ug/L	U	F	2		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	7440-61-1	Uranium	Y	27	ug/L	F	F	0.05		F	G	STD
11104	WL	4/16/2019	RFS01-10.1904011-018	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		F	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
42505	WL	4/26/2019	RFS01-10.1904012-003	106-93-4	1,2-Dibromoethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	156-59-2	cis-1,2-Dichloroethene	N	0.48	ug/L	J	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
42505	WL	4/26/2019	RFS01-10.1904012-003	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD
A1EFF	SL	3/18/2019	RFS01-04.1903017-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.6	mg/L	B	F	0.019		G	G	STD
A1EFF	SL	3/18/2019	RFS01-04.1903017-011	7440-61-1	Uranium	N	12	ug/L	U	F	0.05		G	G	STD
A1EFF	SL	3/28/2019	RFS01-06.1903016-001	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	5.5	mg/L	F	F	0.038		G	G	STD
A1EFF	SL	3/28/2019	RFS01-06.1903016-001	7440-61-1	Uranium	N	25	ug/L	U	F	0.05		G	G	STD
A1EFF	SL	4/15/2019	RFS01-04.1904019-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.1	mg/L	B	F	0.019		G	G	STD
A1EFF	SL	4/15/2019	RFS01-04.1904019-011	7440-61-1	Uranium	N	8.6	ug/L	U	F	0.05		G	G	STD
A2EFF	SL	3/18/2019	RFS01-04.1903017-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4	mg/L	B	F	0.019		G	G	STD
A2EFF	SL	3/18/2019	RFS01-04.1903017-010	7440-61-1	Uranium	N	19	ug/L	U	F	0.05		G	G	STD
A2EFF	SL	3/28/2019	RFS01-06.1903016-011	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1.1	mg/L	B	F	0.019		G	G	STD
A2EFF	SL	3/28/2019	RFS01-06.1903016-011	7440-61-1	Uranium	N	32	ug/L	U	F	0.05		G	G	STD
A2EFF	SL	4/15/2019	RFS01-04.1904019-010	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.9	mg/L	B	F	0.019		G	G	STD
A2EFF	SL	4/15/2019	RFS01-04.1904019-010	7440-61-1	Uranium	N	14	ug/L	U	F	0.05		G	G	STD
A3EFF	SL	3/18/2019	RFS01-04.1903017-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	3.9	mg/L	B	F	0.019		G	G	STD
A3EFF	SL	3/18/2019	RFS01-04.1903017-009	7440-61-1	Uranium	N	24	ug/L	U	F	0.05		G	G	STD
A3EFF	SL	3/28/2019	RFS01-06.1903016-012	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.52	mg/L	B	F	0.019		G	G	STD
A3EFF	SL	3/28/2019	RFS01-06.1903016-012	7440-61-1	Uranium	N	23	ug/L	U	F	0.05		G	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
A3EFF	SL	4/15/2019	RFS01-04.1904019-009	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	2.5	mg/L	B	F	0.019			G	STD
A3EFF	SL	4/15/2019	RFS01-04.1904019-009	7440-61-1	Uranium	N	18	ug/L		F	0.05			G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	630-20-6	1,1,1,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	71-55-6	1,1,1-Trichloroethane	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-34-5	1,1,2,2-Tetrachloroethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-00-5	1,1,2-Trichloroethane	N	0.27	ug/L	U	F	0.27		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-34-3	1,1-Dichloroethane	N	0.22	ug/L	U	F	0.22		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-35-4	1,1-Dichloroethene	N	0.23	ug/L	U	F	0.23		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	563-58-6	1,1-Dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	87-61-6	1,2,3-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	96-18-4	1,2,3-Trichloropropane	N	0.33	ug/L	U	F	0.33		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	120-82-1	1,2,4-Trichlorobenzene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	95-63-6	1,2,4-Trimethylbenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	96-12-8	1,2-Dibromo-3-chloropropane	N	0.47	ug/L	U	F	0.47		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	106-93-4	1,2-Dibromomethane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	95-50-1	1,2-Dichlorobenzene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	107-06-2	1,2-Dichloroethane	N	0.13	ug/L	U	F	0.13		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	78-87-5	1,2-Dichloropropane	N	0.18	ug/L	U	F	0.18		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-67-8	1,3,5-Trimethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	541-73-1	1,3-Dichlorobenzene	N	0.13	ug/L	U	F	0.13		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	142-28-9	1,3-Dichloropropane	N	0.09	ug/L	U	F	0.09		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	106-46-7	1,4-Dichlorobenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	594-20-7	2,2-Dichloropropane	N	0.38	ug/L	U	F	0.38		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	78-93-3	2-Butanone	N	2	ug/L	U	F	2		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	95-49-8	2-Chlorotoluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	591-78-6	2-Hexanone	N	1.7	ug/L	U	F	1.7		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	106-43-4	4-Chlorotoluene	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-10-1	4-Methyl-2-Pentanone	N	0.98	ug/L	U	F	0.98		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	67-64-1	Acetone	N	1.9	ug/L	U	F	1.9		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	71-43-2	Benzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-86-1	Bromobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	74-97-5	Bromochloromethane	N	0.1	ug/L	U	F	0.1		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-27-4	Bromodichloromethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-25-2	Bromoform	N	0.46	ug/L	U	F	0.46		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	74-83-9	Bromomethane	N	0.21	ug/L	U	F	0.21		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-15-0	Carbon Disulfide	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	56-23-5	Carbon tetrachloride	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-90-7	Chlorobenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	124-48-1	Chlorodibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-00-3	Chloroethane	N	0.41	ug/L	U	F	0.41		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	67-66-3	Chloroform	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	74-87-3	Chloromethane	N	0.3	ug/L	U	F	0.3		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	156-59-2	cis-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	10061-01-5	cis-1,3-Dichloropropene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	74-95-3	Dibromomethane	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-71-8	Dichlorodifluoromethane	N	0.31	ug/L	U	F	0.31		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	100-41-4	Ethylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	87-68-3	Hexachlorobutadiene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	98-82-8	Isopropylbenzene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-09-2	Methylene chloride	N	0.94	ug/L	U	F	0.94		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	91-20-3	Naphthalene	N	0.22	ug/L	U	F	0.22		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	104-51-8	n-Butylbenzene	N	0.14	ug/L	U	F	0.14		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	6.5	mg/L	B	F	0.019		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	103-65-1	n-Propylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	99-87-6	p-Isopropyltoluene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	135-98-8	sec-Butylbenzene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	100-42-5	Styrene	N	0.36	ug/L	U	F	0.36		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	98-06-6	tert-Butylbenzene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	127-18-4	Tetrachloroethene	N	0.2	ug/L	U	F	0.2		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	108-88-3	Toluene	N	0.17	ug/L	U	F	0.17		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	1330-20-7	Total Xylenes	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	156-60-5	trans-1,2-Dichloroethene	N	0.15	ug/L	U	F	0.15		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	10061-02-6	trans-1,3-dichloropropene	N	0.19	ug/L	U	F	0.19		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	79-01-6	Trichloroethene	N	0.16	ug/L	U	F	0.16		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-69-4	Trichlorofluoromethane	N	0.29	ug/L	U	F	0.29		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	7440-61-1	Uranium	Y	110	ug/L		F	0.05		FQ	G	STD
B206989	WL	4/18/2019	RFS01-10.1904011-021	75-01-4	Vinyl chloride	N	0.1	ug/L	U	F	0.1		FQ	G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
B3OUTFLOW	SL	3/18/2019	RFS01-04.1903017-002	7440-61-1	Uranium	N	19	ug/L		F	0.05			G	STD
B3OUTFLOW	SL	3/28/2019	RFS01-06.1903016-002	7440-61-1	Uranium	N	23	ug/L		F	0.05			G	STD
B3OUTFLOW	SL	4/15/2019	RFS01-04.1904019-002	7440-61-1	Uranium	N	20	ug/L		F	0.05			G	STD
B5INFLOW	SL	6/11/2018	RFS01-04.1904018-003	7440-61-1	Uranium	N	22	ug/L	H	F	0.05			C	STD
B5INFLOW	SL	3/18/2019	RFS01-04.1903017-003	7440-61-1	Uranium	N	19	ug/L		F	0.05			G	STD
B5INFLOW	SL	3/28/2019	RFS01-06.1903016-003	7440-61-1	Uranium	N	20	ug/L		F	0.05			G	STD
B5INFLOW	SL	4/1/2019	RFS01-05.1905018-001	7440-61-1	Uranium	N	20	ug/L		F	0.067			C	GEN
B5INFLOW	SL	4/15/2019	RFS01-04.1904019-003	7440-61-1	Uranium	N	20	ug/L		F	0.05			G	STD
GS08	SL	1/29/2019	RFS01-05.1905018-002	14596-10-2	Americium-241	N	0.00457	pCi/L	U	F				C	GEN
GS08	SL	1/29/2019	RFS01-05.1905018-002	13981-16-3	Plutonium-238	N	-0.00151	pCi/L	U	F				C	GEN
GS08	SL	1/29/2019	RFS01-05.1905018-002	PU-239,240	Plutonium-239, 240	N	0.00151	pCi/L	U	F				C	GEN
GS08	SL	1/29/2019	RFS01-05.1905018-002	7440-61-1	Uranium	N	17	ug/L		F	0.067			C	GEN
GS08	SL	3/28/2019	RFS01-06.1903016-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.038	mg/L	J	F	0.019		U	G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.044	mg/L	J	D	0.019		U	G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-013	7727-37-9	Nitrogen, Total	N	0.042	mg/L	U	F	0.042			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-016	7727-37-9	Nitrogen, Total	N	0.044	mg/L	J	D	0.042			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-013	7723-14-0	Phosphorus	N	0.052	mg/L		F	0.025			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-016	7723-14-0	Phosphorus	N	0.054	mg/L		D	0.025			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-013	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-016	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	D	0.69			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-013	7440-61-1	Uranium	N	14	ug/L		F	0.05			G	STD
GS08	SL	3/28/2019	RFS01-06.1903016-016	7440-61-1	Uranium	N	15	ug/L		D	0.05			G	STD
GS08	SL	4/15/2019	RFS01-04.1904019-012	7440-61-1	Uranium	N	16	ug/L		F	0.05			G	STD
GS10	SL	1/14/2019	RFS01-04.1901015-001	7440-61-1	Uranium	N	24	ug/L		F	0.05			G	STD
GS10	SL	3/18/2019	RFS01-04.1903017-001	7440-61-1	Uranium	N	18	ug/L		F	0.05			G	STD
GS10	SL	3/28/2019	RFS01-06.1903016-004	7440-61-1	Uranium	N	22	ug/L		F	0.05			G	STD
GS10	SL	4/15/2019	RFS01-04.1904019-001	7440-61-1	Uranium	N	20	ug/L		F	0.05			G	STD
GS11	SL	1/29/2019	RFS01-05.1905018-003	14596-10-2	Americium-241	N	0.00868	pCi/L	U	F				C	GEN
GS11	SL	1/29/2019	RFS01-05.1905018-003	13981-16-3	Plutonium-238	N	-0.00297	pCi/L	U	F				C	GEN
GS11	SL	1/29/2019	RFS01-05.1905018-003	PU-239,240	Plutonium-239, 240	N	0.00889	pCi/L	U	F				C	GEN
GS11	SL	1/29/2019	RFS01-05.1905018-003	7440-61-1	Uranium	N	15.3	ug/L		F	0.067			C	GEN
GS11	SL	4/12/2019	RFS01-04.1904019-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.11	mg/L	B	F	0.019		U	G	STD
GS11	SL	4/15/2019	RFS01-04.1904019-013	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.027	mg/L	J B	F	0.019		U	G	STD
GS11	SL	4/15/2019	RFS01-04.1904019-013	7440-61-1	Uranium	N	16	ug/L		F	0.05			G	STD
GS11	SL	5/7/2019	RFS01-05.1905018-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
GS12	SL	1/29/2019	RFS01-01.1904014-004	7440-61-1	Uranium	N	26.1	ug/L		F	0.067			C	GEN
GS12	SL	4/9/2019	RFS01-02.1905015-001	7440-61-1	Uranium	N	16	ug/L	B	F	0.05			C	STD
GS12	SL	4/9/2019	RFS01-02.1905015-002	7440-61-1	Uranium	N	19	ug/L	B	D	0.05			C	STD
GS13	SL	3/18/2019	RFS01-04.1903017-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	7.2	mg/L	B	F	0.019			G	STD
GS13	SL	3/18/2019	RFS01-04.1903017-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	7.1	mg/L	B	D	0.019			G	STD
GS13	SL	3/18/2019	RFS01-04.1903017-007	7440-61-1	Uranium	N	13	ug/L		F	0.05			G	STD
GS13	SL	3/18/2019	RFS01-04.1903017-015	7440-61-1	Uranium	N	13	ug/L		D	0.05			G	STD
GS13	SL	3/28/2019	RFS01-06.1903016-005	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	13	mg/L		F	0.19			G	STD
GS13	SL	3/28/2019	RFS01-06.1903016-005	7727-37-9	Nitrogen, Total	N	13	mg/L		F	0.042			G	STD
GS13	SL	3/28/2019	RFS01-06.1903016-005	7723-14-0	Phosphorus	N	0.025	mg/L	U	F	0.025			G	STD
GS13	SL	3/28/2019	RFS01-06.1903016-005	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U N *	F	0.69		J	G	STD
GS13	SL	3/28/2019	RFS01-06.1903016-005	7440-61-1	Uranium	N	28	ug/L		F	0.05			G	STD
GS13	SL	4/15/2019	RFS01-04.1904019-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	4.7	mg/L	B	F	0.019			G	STD
GS13	SL	4/15/2019	RFS01-04.1904019-007	7440-61-1	Uranium	N	7	ug/L		F	0.05			G	STD
GS31	SL	1/29/2019	RFS01-05.1903012-003	14596-10-2	Americium-241	N	0.0113	pCi/L	U	F				C	GEN
GS31	SL	1/29/2019	RFS01-05.1903012-003	13981-16-3	Plutonium-238	N	0.00298	pCi/L	U	F				C	GEN
GS31	SL	1/29/2019	RFS01-05.1903012-003	PU-239,240	Plutonium-239, 240	N	1.24E-09	pCi/L	U	F				C	GEN
GS31	SL	1/29/2019	RFS01-05.1903012-003	7440-61-1	Uranium	N	8.75	ug/L		F	0.067			C	GEN
GS31	SL	3/12/2019	RFS01-05.1903013-003	14596-10-2	Americium-241	N	0	pCi/L	U	F				C	GEN
GS31	SL	3/12/2019	RFS01-05.1903013-003	13981-16-3	Plutonium-238	N	-0.00532	pCi/L	U	F				C	GEN
GS31	SL	3/12/2019	RFS01-05.1903013-003	PU-239,240	Plutonium-239, 240	N	0.0213	pCi/L	U	F				C	GEN
GS31	SL	3/12/2019	RFS01-05.1903013-003	7440-61-1	Uranium	N	16.9	ug/L		F	0.067			C	GEN
GS31	SL	3/25/2019	RFS01-05.1904015-003	14596-10-2	Americium-241	N	-0.0103	pCi/L	U	F				C	GEN
GS31	SL	3/25/2019	RFS01-05.1904015-003	13981-16-3	Plutonium-238	N	-0.02	pCi/L	U	F				C	GEN
GS31	SL	3/25/2019	RFS01-05.1904015-003	PU-239,240	Plutonium-239, 240	N	0.00222	pCi/L	U	F				C	GEN
GS31	SL	3/25/2019	RFS01-05.1904015-003	7440-61-1	Uranium	N	13.5	ug/L		F	0.067			C	GEN
SPOUT	TS	3/18/2019	RFS01-04.1903017-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.073	mg/L	B	F	0.019		U	G	STD
SPOUT	TS	3/18/2019	RFS01-04.1903017-006	7440-61-1	Uranium	N	54	ug/L		F	0.05			G	STD
SPOUT	TS	3/28/2019	RFS01-06.1903016-007	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.048	mg/L	J B	F	0.019		U	G	STD
SPOUT	TS	3/28/2019	RFS01-06.1903016-007	7727-37-9	Nitrogen, Total	N	24	mg/L		F	0.042			G	STD
SPOUT	TS	3/28/2019	RFS01-06.1903016-007	7723-14-0	Phosphorus	N	14	mg/L		F	2.5			G	STD
SPOUT	TS	3/28/2019	RFS01-06.1903016-007	TKN	Total Kjeldahl Nitrogen	N	24	mg/L		F	3.4			G	STD

Table 1. Analytical Results for Water Samples

LOCATION CODE	LOCATION TYPE	DATE SAMPLED	SAMPLE CODE	CAS	ANALYTE	FILTRATION STATUS	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
SPOUT	TS	3/28/2019	RFS01-06.1903016-007	7440-61-1	Uranium	N	33	ug/L		F	0.05			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-006	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	15	mg/L	B	F	0.038			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-015	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	14	mg/L	B	D	0.038			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-006	7440-61-1	Uranium	N	62	ug/L		F	0.05			G	STD
SPOUT	TS	4/15/2019	RFS01-04.1904019-015	7440-61-1	Uranium	N	66	ug/L		D	0.05			G	STD
SW093	SL	3/18/2019	RFS01-04.1903017-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.22	mg/L	B	F	0.019			G	STD
SW093	SL	3/18/2019	RFS01-04.1903017-004	7440-61-1	Uranium	N	3.1	ug/L		F	0.05			G	STD
SW093	SL	3/28/2019	RFS01-06.1903016-008	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.5	mg/L	B	F	0.019			G	STD
SW093	SL	3/28/2019	RFS01-06.1903016-008	7440-61-1	Uranium	N	5.6	ug/L		F	0.05			G	STD
SW093	SL	4/15/2019	RFS01-04.1904019-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	1	mg/L	B	F	0.019			G	STD
SW093	SL	4/15/2019	RFS01-04.1904019-004	7440-61-1	Uranium	N	2.2	ug/L		F	0.05			G	STD
WALPOC	SL	1/3/2019	RFS01-05.1904016-001	14596-10-2	Americium-241	N	0.0135	pCi/L	U	F				C	GEN
WALPOC	SL	1/3/2019	RFS01-05.1904016-001	13981-16-3	Plutonium-238	N	-0.00775	pCi/L	U	F				C	GEN
WALPOC	SL	1/3/2019	RFS01-05.1904016-001	PU-239,240	Plutonium-239, 240	N	-0.00387	pCi/L	U	F				C	GEN
WALPOC	SL	1/3/2019	RFS01-05.1904016-001	7440-61-1	Uranium	N	12.9	ug/L		F	0.067			C	GEN
WALPOC	SL	3/18/2019	RFS01-04.1903017-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.22	mg/L	B	F	0.019			G	STD
WALPOC	SL	4/2/2019	RFS01-06.1904017-014	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.095	mg/L	N	F	0.019		J	G	STD
WALPOC	SL	4/2/2019	RFS01-06.1904017-014	7727-37-9	Nitrogen, Total	N	0.095	mg/L	J	F	0.042			G	STD
WALPOC	SL	4/2/2019	RFS01-06.1904017-014	7723-14-0	Phosphorus	N	0.033	mg/L	J	F	0.025			G	STD
WALPOC	SL	4/2/2019	RFS01-06.1904017-014	TKN	Total Kjeldahl Nitrogen	N	0.69	mg/L	U	F	0.69			G	STD
WALPOC	SL	4/15/2019	RFS01-04.1904019-016	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.071	mg/L	B	F	0.019		U	G	STD
WALPOC	SL	4/18/2019	RFS01-05.1904016-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	14596-10-2	Americium-241	N	0.0135	pCi/L	U	F				C	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	13981-16-3	Plutonium-238	N	0.00286	pCi/L	U	F				C	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	PU-239,240	Plutonium-239, 240	N	0.01	pCi/L	U	F				C	GEN
WALPOC	SL	4/18/2019	RFS01-05.1905017-001	7440-61-1	Uranium	N	13	ug/L		F	0.067			C	GEN
WALPOC	SL	5/6/2019	RFS01-05.1905017-002	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.017	mg/L	U	F	0.017			G	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	14596-10-2	Americium-241	N	0.00272	pCi/L	U	F				C	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	13981-16-3	Plutonium-238	N	0	pCi/L	U	F				C	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	PU-239,240	Plutonium-239, 240	N	0.00577	pCi/L	U	F				C	GEN
WALPOC	SL	5/6/2019	RFS01-13.1905016-003	7440-61-1	Uranium	N	14.1	ug/L		F	0.067			C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905016-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.433	mg/L		F	0.017			G	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	14596-10-2	Americium-241	N	0.00596	pCi/L	U	F				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	14596-10-2	Americium-241	N	0.00215	pCi/L	U	D				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	13981-16-3	Plutonium-238	N	-0.00837	pCi/L	U	F				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	13981-16-3	Plutonium-238	N	0.00224	pCi/L	U	D				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	PU-239,240	Plutonium-239, 240	N	0.0146	pCi/L	U	F				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	PU-239,240	Plutonium-239, 240	N	0.00897	pCi/L	U	D				C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-003	7440-61-1	Uranium	N	12.1	ug/L		F	0.067			C	GEN
WALPOC	SL	5/13/2019	RFS01-13.1905017-006	7440-61-1	Uranium	N	12.2	ug/L		D	0.067			C	GEN
WALPOC	SL	5/24/2019	RFS01-13.1905017-004	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N	0.2	mg/L		F	0.017			G	GEN
WOMPOC	SL	2/12/2019	RFS01-05.1903011-002	14596-10-2	Americium-241	N	-0.00115	pCi/L	U	F				C	GEN
WOMPOC	SL	2/12/2019	RFS01-05.1903011-002	13981-16-3	Plutonium-238	N	-0.00374	pCi/L	U	F				C	GEN
WOMPOC	SL	2/12/2019	RFS01-05.1903011-002	PU-239,240	Plutonium-239, 240	N	-0.0206	pCi/L	U	F				C	GEN
WOMPOC	SL	2/12/2019	RFS01-05.1903011-002	7440-61-1	Uranium	N	3.7	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/11/2019	RFS01-13.1904014-002	14596-10-2	Americium-241	N	0.0255	pCi/L	U	F				C	GEN
WOMPOC	SL	3/11/2019	RFS01-13.1904014-002	13981-16-3	Plutonium-238	N	-0.00683	pCi/L	U	F				C	GEN
WOMPOC	SL	3/11/2019	RFS01-13.1904014-002	PU-239,240	Plutonium-239, 240	N	-0.00569	pCi/L	U	F				C	GEN
WOMPOC	SL	3/11/2019	RFS01-13.1904014-002	7440-61-1	Uranium	N	3.28	ug/L		F	0.067			C	GEN
WOMPOC	SL	3/28/2019	RFS01-05.1904014-004	14596-10-2	Americium-241	N	0.00174	pCi/L	U	F				C	GEN
WOMPOC	SL	3/28/2019	RFS01-05.1904014-004	13981-16-3	Plutonium-238	N	0.00119	pCi/L	U	F				C	GEN
WOMPOC	SL	3/28/2019	RFS01-05.1904014-004	PU-239,240	Plutonium-239, 240	N	0.00477	pCi/L	U	F				C	GEN
WOMPOC	SL	3/28/2019	RFS01-05.1904014-004	7440-61-1	Uranium	N	3.44	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	14596-10-2	Americium-241	N	-0.0226	pCi/L	U	F				C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	13981-16-3	Plutonium-238	N	-0.0013	pCi/L	U	F				C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	PU-239,240	Plutonium-239, 240	N	-0.013	pCi/L	U	F				C	GEN
WOMPOC	SL	4/9/2019	RFS01-05.1904016-004	7440-61-1	Uranium	N	2.88	ug/L		F	0.067			C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	14596-10-2	Americium-241	N	0.00729	pCi/L	U	F				C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	13981-16-3	Plutonium-238	N	0.0078	pCi/L	U	F				C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	PU-239,240	Plutonium-239, 240	N	-0.00312	pCi/L	U	F				C	GEN
WOMPOC	SL	4/18/2019	RFS01-05.1905017-004	7440-61-1	Uranium	N	3.62	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	14596-10-2	Americium-241	N	0.00695	pCi/L	U	F				C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	14596-10-2	Americium-241	N	0.00611	pCi/L	U	D				C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	13981-16-3	Plutonium-238	N	0.00117	pCi/L	U	F				C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	13981-16-3	Plutonium-238	N	0.00715	pCi/L	U	D				C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	PU-239,240	Plutonium-239, 240	N	0.0047	pCi/L	U	F				C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	PU-239,240	Plutonium-239, 240	N	-0.00358	pCi/L	U	D				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	UNCERTAINTY	DATA VALIDATION QUALIFIERS	COLLECTION METHOD	LAB CODE
WOMPOC	SL	5/3/2019	RFS01-13.1905016-002	7440-61-1	Uranium	N	2.15	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/3/2019	RFS01-13.1905016-005	7440-61-1	Uranium	N	2	ug/L		D	0.067			C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	14596-10-2	Americium-241	N	-3.5E-09	pCi/L	U	F				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	14596-10-2	Americium-241	N	0.00778	pCi/L	U	D				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	13981-16-3	Plutonium-238	N	0.0104	pCi/L	U	F				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	13981-16-3	Plutonium-238	N	0.00216	pCi/L	U	D				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	PU-239,240	Plutonium-239, 240	N	0.00207	pCi/L	U	F				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	PU-239,240	Plutonium-239, 240	N	0.00648	pCi/L	U	D				C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-002	7440-61-1	Uranium	N	1.91	ug/L		F	0.067			C	GEN
WOMPOC	SL	5/13/2019	RFS01-13.1905017-005	7440-61-1	Uranium	N	1.75	ug/L		D	0.067			C	GEN

EXPLANATION

FILTRATION STATUS

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

UNITS

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

SAMPLE_TYPE

F = Field Sample
D = Duplicate

DATA_VALIDATION_QUALIFIERS

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

LAB_QUALIFIERS

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

LOCATION_TYPE

SL SURFACE LOCATION GEN Gel Laboratories
TS TREATMENT SYSTEM STD Test America
WL WELL

LAB_CODE

COLLECTION_METHOD

G Grab
C Composite

Table 2. Water Sampling Events: Second Quarter CY 2019

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
	Start	End	Collection Method	Type	Filtered	VOC	U	Nitrate	Pu/Am	TSS	Sample ID
B5INFLOW	6/11/2018 13:17	4/1/2019 14:40	composite	F	No		X				RFS01-04.1904018-003
WALPOC	4/2/2019 10:15	4/2/2019 10:15	grab	F	No			X			RFS01-06.1904017-014
GS12	1/29/2019 11:54	4/9/2019 10:41	composite	F	No		X				RFS01-01.1904014-004
WOMPOC	3/28/2019 13:30	4/9/2019 11:50	composite	F	No		X		X		RFS01-05.1904014-004
GS11	4/12/2019 10:20	4/12/2019 10:20	grab	F	No			X			RFS01-04.1904019-014
SPOUT	4/15/2019 11:40	4/15/2019 11:40	grab	F	No		X	X			RFS01-04.1904019-006
SPOUT	4/15/2019 11:40	4/15/2019 11:40	grab	D	No		X	X			RFS01-04.1904019-015
SW093	4/15/2019 11:55	4/15/2019 11:55	grab	F	No		X	X			RFS01-04.1904019-004
GS13	4/15/2019 12:15	4/15/2019 12:15	grab	F	No		X	X			RFS01-04.1904019-007
A1EFF	4/15/2019 12:35	4/15/2019 12:35	grab	F	No		X	X			RFS01-04.1904019-011
A2EFF	4/15/2019 12:40	4/15/2019 12:40	grab	F	No		X	X			RFS01-04.1904019-010
B5INFLOW	4/15/2019 13:05	4/15/2019 13:05	grab	F	No		X				RFS01-04.1904019-003
A3EFF	4/15/2019 13:20	4/15/2019 13:20	grab	F	No		X	X			RFS01-04.1904019-009
GS08	4/15/2019 13:45	4/15/2019 13:45	grab	F	No		X				RFS01-04.1904019-012
GS11	4/15/2019 14:10	4/15/2019 14:10	grab	F	No		X	X			RFS01-04.1904019-013
WALPOC	4/15/2019 14:30	4/15/2019 14:30	grab	F	No			X			RFS01-04.1904019-016
GS10	4/15/2019 15:00	4/15/2019 15:00	grab	F	No		X				RFS01-04.1904019-001
B3OUTFLOW	4/15/2019 15:10	4/15/2019 15:10	grab	F	No		X				RFS01-04.1904019-002
GS31	3/25/2019 12:48	4/15/2019 15:45	composite	F	No		X		X		RFS01-05.1904015-003
11104	4/16/2019 12:45	4/16/2019 12:45	grab	F	No	X					RFS01-10.1904011-018
11104	4/16/2019 12:45	4/16/2019 12:45	grab	F	Yes		X				RFS01-10.1904011-018
4087	4/18/2019 9:15	4/18/2019 9:15	grab	F	No	X		X			RFS01-10.1904011-020
4087	4/18/2019 9:15	4/18/2019 9:15	grab	F	Yes		X				RFS01-10.1904011-020
B206989	4/18/2019 9:35	4/18/2019 9:35	grab	F	No	X		X			RFS01-10.1904011-021
B206989	4/18/2019 9:35	4/18/2019 9:35	grab	F	Yes		X				RFS01-10.1904011-021
WOMPOC	4/9/2019 11:50	4/18/2019 12:02	composite	F	No		X		X		RFS01-05.1904016-004
WALPOC	4/18/2019 12:55	4/18/2019 12:55	grab	F	No			X			RFS01-05.1904016-002
WALPOC	1/3/2019 15:20	4/18/2019 13:09	composite	F	No		X		X		RFS01-05.1904016-001
42505	4/26/2019 9:40	4/26/2019 9:40	grab	F	No	X					RFS01-10.1904012-003
GS10	5/1/2019 9:35	5/1/2019 9:35	grab	F	No		X				RFS01-06.1905018-004
B3OUTFLOW	5/1/2019 9:50	5/1/2019 9:50	grab	F	No		X				RFS01-06.1905018-002
SPOUT	5/1/2019 10:30	5/1/2019 10:30	grab	F	No		X	X			RFS01-06.1905018-007
SW093	5/1/2019 10:40	5/1/2019 10:40	grab	F	No		X	X			RFS01-06.1905018-008
GS13	5/1/2019 11:00	5/1/2019 11:00	grab	F	No		X	X			RFS01-06.1905018-005
A1EFF	5/1/2019 11:25	5/1/2019 11:25	grab	F	No		X	X			RFS01-06.1905018-001
A2EFF	5/1/2019 11:35	5/1/2019 11:35	grab	F	No		X	X			RFS01-06.1905018-011
A3EFF	5/1/2019 11:50	5/1/2019 11:50	grab	F	No		X	X			RFS01-06.1905018-012
GS12	4/9/2019 10:42	5/1/2019 12:12	composite	F	No		X				RFS01-02.1905015-001
GS12	4/9/2019 10:42	5/1/2019 12:12	composite	D	No		X				RFS01-02.1905015-002
B5INFLOW	5/1/2019 12:30	5/1/2019 12:30	grab	F	No		X				RFS01-06.1905018-003
WALPOC	5/1/2019 13:00	5/1/2019 13:00	grab	F	No			X			RFS01-06.1905018-014
WALPOC	5/1/2019 13:00	5/1/2019 13:00	grab	D	No			X			RFS01-06.1905018-016
GS11	5/1/2019 13:15	5/1/2019 13:15	grab	F	No		X	X			RFS01-06.1905018-015
10304	5/2/2019 9:37	5/2/2019 9:37	grab	F	No	X		X			RFS01-10.1905013-003
10304	5/2/2019 9:37	5/2/2019 9:37	grab	F	Yes		X				RFS01-10.1905013-003
10304	5/2/2019 9:37	5/2/2019 9:37	grab	D	No	X		X			RFS01-10.1905013-018

Table 2. Water Sampling Events: Second Quarter CY 2019

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
	Start	End	Collection Method	Type	Filtered	VOC	D	Nitrate	Pu/Am	TSS	Sample ID
10304	5/2/2019 9:37	5/2/2019 9:37	grab	D	Yes		X				RFS01-10.1905013-018
00193	5/2/2019 11:07	5/2/2019 11:07	grab	F	No	X					RFS01-10.1905013-001
00193	5/2/2019 11:07	5/2/2019 11:07	grab	F	Yes		X				RFS01-10.1905013-001
WOMPOC	4/18/2019 11:59	5/3/2019 11:11	composite	F	No		X		X		RFS01-05.1905017-004
B5INFLOW	4/1/2019 14:42	5/6/2019 11:45	composite	F	No		X				RFS01-05.1905018-001
WALPOC	5/6/2019 12:25	5/6/2019 12:25	grab	F	No			X			RFS01-05.1905017-002
WALPOC	4/18/2019 13:07	5/6/2019 13:07	composite	F	No		X		X		RFS01-05.1905017-001
GS08	1/29/2019 11:31	5/7/2019 11:02	composite	F	No		X		X		RFS01-05.1905018-002
GS11	5/7/2019 11:10	5/7/2019 11:10	grab	F	No			X			RFS01-05.1905018-004
GS11	1/29/2019 11:18	5/7/2019 11:25	composite	F	No		X		X		RFS01-05.1905018-003
89104	5/13/2019 11:20	5/13/2019 11:20	grab	F	No	X					RFS01-10.1905015-007
WOMPOC	5/3/2019 11:11	5/13/2019 12:02	composite	F	No		X		X		RFS01-13.1905016-002
WOMPOC	5/3/2019 11:11	5/13/2019 12:02	composite	D	No		X		X		RFS01-13.1905016-005
WALPOC	5/13/2019 13:38	5/13/2019 13:38	grab	F	No			X			RFS01-13.1905016-004
WALPOC	5/6/2019 13:04	5/13/2019 13:41	composite	F	No		X		X		RFS01-13.1905016-003
00997	5/14/2019 13:12	5/14/2019 13:12	grab	F	No	X		X			RFS01-10.1905015-002
00997	5/14/2019 13:12	5/14/2019 13:12	grab	F	Yes		X				RFS01-10.1905015-002
A1EFF	5/15/2019 9:30	5/15/2019 9:30	grab	F	No		X	X			RFS01-04.1905021-011
A2EFF	5/15/2019 9:35	5/15/2019 9:35	grab	F	No		X	X			RFS01-04.1905021-010
10594	5/15/2019 10:50	5/15/2019 10:50	grab	F	No	X		X			RFS01-10.1905015-003
10594	5/15/2019 10:50	5/15/2019 10:50	grab	F	Yes		X				RFS01-10.1905015-003
GS11	5/15/2019 11:25	5/15/2019 11:25	grab	F	No		X	X			RFS01-04.1905021-013
GS11	5/15/2019 11:25	5/15/2019 11:25	grab	D	No		X	X			RFS01-04.1905021-015
GS08	5/15/2019 11:40	5/15/2019 11:40	grab	F	No		X				RFS01-04.1905021-012
A3EFF	5/15/2019 12:00	5/15/2019 12:00	grab	F	No		X	X			RFS01-04.1905021-009
B5INFLOW	5/15/2019 12:10	5/15/2019 12:10	grab	F	No		X				RFS01-04.1905021-003
SW093	5/15/2019 15:10	5/15/2019 15:10	grab	F	No		X	X			RFS01-04.1905021-004
GS10	5/15/2019 15:15	5/15/2019 15:15	grab	F	No		X				RFS01-04.1905021-001
SPOUT	5/15/2019 15:15	5/15/2019 15:15	grab	F	No		X	X			RFS01-04.1905021-006
GS13	5/15/2019 15:25	5/15/2019 15:25	grab	F	No		X	X			RFS01-04.1905021-007
B3OUTFLOW	5/15/2019 15:55	5/15/2019 15:55	grab	F	No		X				RFS01-04.1905021-002
WOMPOC	5/13/2019 12:02	5/24/2019 10:45	composite	F	No		X		X		RFS01-13.1905017-002
WOMPOC	5/13/2019 12:02	5/24/2019 10:45	composite	D	No		X		X		RFS01-13.1905017-005
GS31	4/15/2019 15:47	5/24/2019 11:01	composite	F	No		X		X		RFS01-05.1905020-001
B5INFLOW	5/6/2019 11:45	5/24/2019 12:16	composite	F	No		X				RFS01-05.1905020-006
GS12	5/13/2019 14:37	5/24/2019 12:30	composite	F	No		X				RFS01-05.1905020-005
GS08	5/7/2019 11:02	5/24/2019 12:42	composite	F	No		X		X		RFS01-05.1905020-002
GS11	5/13/2019 14:00	5/24/2019 12:54	composite	F	No		X		X		RFS01-05.1905020-003
GS11	5/24/2019 12:55	5/24/2019 12:55	grab	F	No			X			RFS01-05.1905020-004
WALPOC	5/24/2019 13:05	5/24/2019 13:05	grab	F	No			X			RFS01-13.1905017-004
WALPOC	5/13/2019 13:41	5/24/2019 13:06	composite	F	No		X		X		RFS01-13.1905017-003
WALPOC	5/13/2019 13:41	5/24/2019 13:06	composite	D	No		X		X		RFS01-13.1905017-006
11104	5/29/2019 10:15	5/29/2019 10:15	grab	F	No						RFS01-10.1905016-018
B5INFLOW	5/24/2019 12:16	5/29/2019 12:01	composite	F	No		X				RFS01-05.1906021-006
GS12	5/24/2019 12:30	5/29/2019 12:19	composite	F	No		X				RFS01-05.1906021-005
GS08	5/24/2019 12:42	5/29/2019 12:33	composite	F	No					X	RFS01-02.1905016-002
GS08	5/24/2019 12:42	5/29/2019 12:33	composite	F	No		X				RFS01-05.1906021-002
GS11	5/24/2019 12:54	5/29/2019 12:44	composite	F	No					X	RFS01-02.1905016-003

Table 2. Water Sampling Events: Second Quarter CY 2019

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
	Start	End	Collection Method	Type	Filtered	VOC	D	Nitrate	Pu/Am	TSS	Sample ID
GS11	5/24/2019 12:54	5/29/2019 12:44	composite	F	No		X				RFS01-05.1906021-003
GS11	5/29/2019 12:45	5/29/2019 12:45	grab	F	No			X			RFS01-05.1906021-004
WALPOC	5/29/2019 12:50	5/29/2019 12:50	grab	F	No			X			RFS01-13.1906018-004
WALPOC	5/24/2019 13:06	5/29/2019 13:00	composite	F	No					X	RFS01-02.1905016-006
WALPOC	5/24/2019 13:06	5/29/2019 13:00	composite	F	No		X		X		RFS01-13.1906018-003
WOMPOC	5/24/2019 10:45	5/29/2019 13:34	composite	F	No					X	RFS01-02.1905016-007
WOMPOC	5/24/2019 10:45	5/29/2019 13:34	composite	F	No		X		X		RFS01-13.1906018-002
GS31	5/24/2019 11:01	5/29/2019 13:48	composite	F	No					X	RFS01-02.1905016-004
GS31	5/24/2019 11:01	5/29/2019 13:48	composite	F	No		X				RFS01-05.1906021-001
GS10	5/30/2019 10:28	5/30/2019 10:28	grab	F	No		X				RFS01-06.1905019-004
B3OUTFLOW	5/30/2019 10:50	5/30/2019 10:50	grab	F	No		X				RFS01-06.1905019-002
SW093	5/30/2019 11:05	5/30/2019 11:05	grab	F	No		X	X			RFS01-06.1905019-008
SPOUT	5/30/2019 11:16	5/30/2019 11:16	grab	F	No		X	X			RFS01-06.1905019-007
GS13	5/30/2019 11:25	5/30/2019 11:25	grab	F	No		X	X			RFS01-06.1905019-005
A1EFF	5/30/2019 11:40	5/30/2019 11:40	grab	F	No		X	X			RFS01-06.1905019-001
A2EFF	5/30/2019 11:50	5/30/2019 11:50	grab	F	No		X	X			RFS01-06.1905019-011
B5INFLOW	5/30/2019 12:05	5/30/2019 12:05	grab	F	No		X				RFS01-06.1905019-003
A3EFF	5/30/2019 12:20	5/30/2019 12:20	grab	F	No		X	X			RFS01-06.1905019-012
GS11	5/30/2019 12:52	5/30/2019 12:52	grab	F	No		X	X			RFS01-06.1905019-015
WALPOC	5/30/2019 13:00	5/30/2019 13:00	grab	F	No			X			RFS01-06.1905019-014
10304	6/6/2019 10:35	6/6/2019 10:35	grab	F	No	X					RFS01-10.1906017-001
WALPOC	6/6/2019 11:00	6/6/2019 11:00	grab	F	No			X			RFS01-13.1906019-004
WALPOC	5/29/2019 13:00	6/6/2019 11:05	composite	F	No		X		X		RFS01-13.1906019-003
GS11	6/6/2019 11:20	6/6/2019 11:20	grab	F	No			X			RFS01-05.1906022-004
GS11	5/29/2019 12:41	6/6/2019 11:24	composite	F	No		X		X		RFS01-05.1906022-003
GS08	5/29/2019 12:29	6/6/2019 11:32	composite	F	No		X		X		RFS01-05.1906022-002
GS12	5/29/2019 12:17	6/6/2019 11:49	composite	F	No		X				RFS01-05.1906022-005
B5INFLOW	5/29/2019 12:01	6/6/2019 12:05	composite	F	No		X				RFS01-05.1906022-006
GS31	5/29/2019 13:45	6/6/2019 12:20	composite	F	No		X				RFS01-05.1906022-001
WOMPOC	5/29/2019 13:33	6/6/2019 13:38	composite	F	No		X		X		RFS01-13.1906019-002
GS08	6/6/2019 11:32	6/10/2019 11:41	composite	F	No		X		X		RFS01-05.1906022-007
GS11	6/10/2019 11:50	6/10/2019 11:50	grab	F	No			X			RFS01-05.1906022-009
WOMPOC	6/6/2019 13:38	6/10/2019 11:54	composite	F	No		X		X		RFS01-13.1906019-008
GS11	6/6/2019 11:24	6/10/2019 11:57	composite	F	No		X		X		RFS01-05.1906022-008
WALPOC	6/10/2019 12:05	6/10/2019 12:05	grab	F	No			X			RFS01-13.1906019-010
WALPOC	6/6/2019 11:05	6/10/2019 12:08	composite	F	No		X		X		RFS01-13.1906019-009
GS10	6/13/2019 10:35	6/13/2019 10:35	grab	F	No		X				RFS01-04.1906022-001
B3OUTFLOW	6/13/2019 10:50	6/13/2019 10:50	grab	F	No		X				RFS01-04.1906022-002
SPOUT	6/13/2019 11:20	6/13/2019 11:20	grab	F	No		X	X			RFS01-04.1906022-006
SW093	6/13/2019 11:30	6/13/2019 11:30	grab	F	No		X	X			RFS01-04.1906022-004
GS13	6/13/2019 11:50	6/13/2019 11:50	grab	F	No		X	X			RFS01-04.1906022-007
A1EFF	6/13/2019 12:05	6/13/2019 12:05	grab	F	No		X	X			RFS01-04.1906022-011
A1EFF	6/13/2019 12:05	6/13/2019 12:05	grab	D	No		X	X			RFS01-04.1906022-015
A2EFF	6/13/2019 12:15	6/13/2019 12:15	grab	F	No		X	X			RFS01-04.1906022-010
B5INFLOW	6/13/2019 12:35	6/13/2019 12:35	grab	F	No		X				RFS01-04.1906022-003
B5INFLOW	6/6/2019 12:05	6/13/2019 12:51	composite	F	No		X				RFS01-04.1906023-001
A3EFF	6/13/2019 13:10	6/13/2019 13:10	grab	F	No		X	X			RFS01-04.1906022-009
GS08	6/13/2019 13:40	6/13/2019 13:40	grab	F	No		X				RFS01-04.1906022-012
GS11	6/13/2019 13:50	6/13/2019 13:50	grab	F	No		X	X			RFS01-04.1906022-013

Table 2. Water Sampling Events: Second Quarter CY 2019

Location Code	Sampling Dates		Sample Info			Analytes					Sample Tracking Info
	Start	End	Collection Method	Type	Filtered	VOC	D	Nitrate	Pu/Am	TSS	Sample ID
B5INFLOW	6/13/2019 12:49	6/25/2019 12:24	composite	F	No		X				RFS01-05.1906023-006
B5INFLOW	6/13/2019 12:49	6/25/2019 12:24	composite	D			X				RFS01-05.1906023-007
GS08	6/10/2019 11:42	6/25/2019 12:40	composite	F	No		X		X		RFS01-05.1906023-002
WALPOC	6/25/2019 13:25	6/25/2019 13:25	grab	F	No			X			RFS01-13.1906021-004
WALPOC	6/10/2019 12:09	6/25/2019 13:29	composite	F	No		X		X		RFS01-13.1906021-003
GS12	6/6/2019 11:47	6/25/2019 14:18	composite	F	No		X				RFS01-05.1906023-005
GS31	6/6/2019 13:52	6/26/2019 10:52	composite	F	No		X		X		RFS01-05.1906023-001
WOMPOC	6/10/2019 10:53	6/26/2019 11:12	composite	F	No		X		X		RFS01-13.1906021-002
GS10	6/26/2019 12:00	6/26/2019 12:00	grab	F	No		X				RFS01-06.1906020-004
SPOUT	6/26/2019 12:40	6/26/2019 12:40	grab	F	No		X	X			RFS01-06.1906020-007
SW093	6/26/2019 12:45	6/26/2019 12:45	grab	F	No		X	X			RFS01-06.1906020-008
GS13	6/26/2019 13:00	6/26/2019 13:00	grab	F	No		X	X			RFS01-06.1906020-005
A1EFF	6/26/2019 13:10	6/26/2019 13:10	grab	F	No		X	X			RFS01-06.1906020-001
A2EFF	6/26/2019 13:15	6/26/2019 13:15	grab	F	No		X	X			RFS01-06.1906020-011
B5INFLOW	6/26/2019 13:35	6/26/2019 13:35	grab	F	No		X				RFS01-06.1906020-003
A3EFF	6/26/2019 13:50	6/26/2019 13:50	grab	F	No		X	X			RFS01-06.1906020-012
A3EFF	6/26/2019 13:50	6/26/2019 13:50	grab	D	No		X	X			RFS01-06.1906020-016
GS11	6/26/2019 14:20	6/26/2019 14:20	grab	F	No		X	X			RFS01-06.1906020-015
B3OUTFLOW	6/26/2019 14:40	6/26/2019 14:40	grab	F	No		X				RFS01-06.1906020-002
WALPOC	6/26/2019 14:50	6/26/2019 14:50	grab	F	No			X			RFS01-06.1906020-014