Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Southeast County Landfill

Address 15960 County Road 672

City Lithia Zip 33503 County Hillsborough

Telephone Number (813) 671-7674

(2) WACS Facility ID 41193

(3) DEP Permit Number 35435-026-SO-MM

(4) Authorized Representative's Name Jeffry S. Greenwell, P.E. Title Section Manager

Address 332 North Falkenburg Road

City Tampa Zip 33619 County Hillsborough

Telephone Number (813) 612-7757

Email address (if available) greenwellj@hillsboroughcounty.org

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

12/16/2021
(Date)

Jeffry S. Greenwell
(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Hillsborough County Public Utilities Department

Analytical Lab NELAC / HRS Certification # E82574 & E84589

Lab Name Advanced Environmental Laboratories

Address 9610 Princess Palm Avenue, Tampa, FL 33619

Phone Number (813)

Email address (if available)

Hillsborough County Florida

PUBLIC UTILITIES
PO Box 1110
Tampa, FL 33601-1110

Southeast County Landfill
15960 County Road 672
Lithia, Florida
Solid Waste Operations Permit #35435-029-SO-MM
WACS Facility #SWD/29/41193

Semi-Annual Water Quality Report - August 2021
and
Evaluation Monitoring – May through November 2021

Hillsborough County
Public Utilities Department
Environmental Services Division
332 North Falkenburg Road
Tampa, Florida 33619

Michael D. Townsel

Michael D. Townsel
Hydrologist 12/16/21
Environmental Services Division
Public Utilities Department

JEFFRY SCOT GREENWELL LICENSE No. PE48157 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jeffry S. Greenwell, P.E.
Section Manager 12/16/21
Environmental Services Division
Public Utilities Department

Background

The Hillsborough County Public Utilities Department (County) has prepared the semi-annual groundwater monitoring report for the August 2021 monitoring event conducted at the Southeast County Landfill (SELF). As required in Appendix 3 (Water Quality Monitoring Plan of the Solid Waste Operation Permit No. 35435-026-SO-MM), representative samples were collected on August 23 - September 1, 2021 from sixteen (16) surficial aquifer monitoring wells, four (4) upper Floridan aquifer monitoring wells, and four (4) surface water sampling locations. In addition, groundwater samples were collected from three (3) off-site private supply wells. Parameter analysis was completed by our contracted laboratory, Advanced Environmental Laboratories, Inc. (AEL). A site map of each monitoring location is depicted in **Figure 1.**

In accordance with Rule 62-701.510 (6)(a)4 and Condition 4 of the November 20, 2020 Department of Environmental Protection (Department) notification letter to initiate evaluation monitoring was submitted on May 13, 2021. This report provides a brief summary for the August 2021 and supplemental evaluation monitoring water quality events.

Surficial Aquifer Monitoring Wells

Groundwater Elevation and Flow

Groundwater and surface water elevations were recorded on August 23, 2021 and the data is presented in **Table 1**. Elevation data is collected and utilized to prepare a representative surficial aquifer groundwater contour diagram. A diagram was prepared with a 2 ft. contour interval and is utilized to evaluate the direction of flow across the site. **Figure 2** depicts general flow direction across the landfill remains to the west/northwest with an easterly component controlled by nearby Mine Cut #1 and Mine Cut #2. Elevation data continues to be consistent with the historical evaluations of flow within the surficial aquifer at the Southeast County Landfill.

pH

Each surficial aquifer monitoring well continues to exhibit pH values below the Secondary Drinking Water Standard (SDWS) acceptable range of 6.5 to 8.5 pH units from 4.42 to 6.31 pH units. Background water quality recorded prior to landfill construction and operation established pH below the acceptable range within the surficial aquifer and remains consistent with the historical data set. The groundwater analytical data for the surficial and upper Floridan aquifer monitoring wells are included in **Table 2**.

Total Dissolved Solids (TDS)

All surficial monitoring wells as part of the water quality permit were below the SDWS of 500 mg/l with the exception of TH-71A and TH-58. Surficial aquifer detection monitoring well TH-71A is located down gradient west-northwest of Section 9 and exhibited TDS of 1,400 mg/l,

FIGURE 1

SOUTHEAST COUNTY LANDFILL SEMI- ANNUAL MONITORING WELLS LOCATION MAP

2020 AERIAL PHOTO

Hillsborough County Florida

EST. 1634 SM

Legend

Well Designation

- Active Monitor Wells
- Inactive Monitor Wells
- Surface Water Sites
- Piezometer
- TH-35 (Used For Water Levels)

N

NOTE: Every reasonable effort has been made to assure the accuracy of this map. Hillsborough County does not assume any liability arising from use of this map. THIS MAP IS PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

SOURCE: This map has been prepared for the inventory of real property found within Hillsborough County and is compiled from recorded deeds, plats, and other public records; it has been based on BEST AVAILABLE data.

Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map.

BSOC
332 N. Falkenburg Rd
Tampa,Fl 33619

0 0.06 0.12 Miles

Date: 5/12/2021 Path: U:\LANDFILL\Southeast Landfill Data\Southeast County Landfill Figure 1.mxd

Table 1 - Southeast County Landfill
Groundwater and Surface Water Elevations
08/23/21

Measuring Point I.D.	T.O.C. Elevations (NGVD)	W.L. B.T.O.C.	W.L. (NGVD)	Time
P-11D	138.02	17.00	121.02	1209
TH-19*	130.27	89.80	40.47	1021
TH-20A	131.86	8.48	123.38	1049
TH-20B	132.57	9.27	123.30	1052
TH-22	128.82	3.45	125.37	1258
TH-22A	129.27	4.14	125.13	1301
TH-24A	128.23	3.10	125.13	1045
TH-28A	131.10	27.67	103.43	0855
TH-30	128.88	23.66	105.22	0942
TH-32	129.90	14.30	115.60	0947
TH-35	145.98	27.03	118.95	1002
TH-36A	152.70	32.39	120.31	1025
TH-38A	130.68	9.77	120.91	1115
TH-38B	131.81	10.37	121.44	1118
TH-40*	124.99	83.25	41.74	0840
TH-41*	125.00	89.37	35.63	0843
TH-42*	116.74	62.89	53.85	0954
TH-57	128.36	18.28	110.08	0850
TH-58	127.88	27.57	100.31	0936
TH-61	138.73	16.54	122.19	1132
TH-61A	139.45	15.83	123.62	1134
TH-64	139.64	16.10	123.54	1137
TH-65	135.40	13.91	121.49	1129
TH-66	130.58	7.89	122.69	1121
TH-66A	130.66	8.09	122.57	1123
TH-67	129.51	4.58	124.93	1105
TH-68	140.01	12.25	127.76	1140
TH-69A	144.97	25.47	119.50	1212
TH-70A	146.63	22.34	124.29	1216
TH-71A	146.95	24.49	122.46	1222
TH-72*	130.96	84.74	46.22	0907
TH-73	131.07	30.28	100.79	0903
TH-76*	111.21	65.08	46.13	1310
TH-77*	119.88	73.59	46.29	1306
TH-78*	120.75	69.95	50.80	1314
TH-79	129.60	7.23	122.37	1107
TH-80	129.52	7.94	121.58	1110
TH-81	130.26	6.35	123.91	1103
TH-82	131.24	10.06	121.18	1113
TH-83	130.23	7.43	122.80	1100
TH-84	134.92	12.45	122.47	1058
SW-3A	3.0'=125.53'	2.01	123.52	0913
SW-3B2B	3.0'=97.97'	ND	ND	ND
SW-3C2	6.0'=92.33'	1.60	90.73	1131
Mine Cut #1	4.0'=122.14'	2.48	119.66	1020

NGVD = National Geodetic Vertical Datum
T.O.C. = Top of Casing
B.T.O.C. = Below Top of Casing
*** = Floridan Well**
ND = No Data (3B2B - Gage no longer in stream)
W.L. = Water Level

FIGURE 2

SOUTHEAST COUNTY LANDFILL SURFICIAL AQUIFER GROUNDWATER CONTOUR MAP

AUGUST 23, 2021

2020 AERIAL PHOTO

Hillsborough County Florida

EST. 1834 SM

Legend

Well Designation

- Surface Water Sites
- Piezometer
- Active Monitor Wells
- Inactive Monitor Wells (Used For Water Levels)

SW-3C2
TH-42
TH-32 115.60
TH-35 118.95
SW-3B2B
TH-30 105.22
TH-71A 122.46
TH-78
TH-58 100.31
TH-70A 124.29
TH-36A 120.31
TH-68 127.76
TH-69A 119.50
TH-19
100
TH-73 100.79
TH-64 123.54
MINE CUT 1D 119.44
102
TH-76
104
TH-28A 103.43
P-11D 121.02
TH-61 122.19
106
108
TH-57 110.08
TH-61A 123.62
TH-77
110
112
114
TH-65 121.49
116
TH-66A 122.57
TH-38A 120.91
118
TH-66 122.69
TH-38B 121.44
120
TH-79 122.37
TH-80 121.58
TH-41
122
TH-40
TH-67 124.93
TH-81 123.91
TH-82 121.18
TH-24A 125.13
124
TH-83 122.80
TH-20B 123.30
SW-3A
TH-84 122.47
TH-22 125.37
TH-22A 125.13
TH-20A 123.38

N

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Date: 12/14/2021 Path: U:\LANDFILL\Southeast Landfill Data\Southeast County Landfill Surficial Aquifer Groundwater Contour Map _Figure2_8_23_2021.mxd

respectively. Review of the historical groundwater data can directly trace the upward trend of TDS to the storm water discharge event in 2014 from the active working face along the northwest corner of Section 9. Total ammonia continues to be very low at TH-71A at 1.7 mg/l, which is consistent with historical background water quality. Total ammonia is an excellent indicator parameter of leachate and the current analysis does not exhibit any interaction with groundwater.

An overall upward trend in TDS continues for TH-71A over the period of record; a historical water quality data table and data chart are included in **Appendix A**. The most recent improvements to the storm water conveyance system for Section 9 were completed in August 2019 to allow proper drainage away from the landfill footprint and monitoring location. Based on the location of TH-71A and the low ammonia the elevated TDS is associated with stormwater impacts. The County shall closely monitor the water quality along the west side of Section 9 on the effectiveness of the storm water improvements.

Surficial aquifer detection well TH-58 is located to the northwest of the Phase VI Waste filled area along the western service road at the landfill and exhibited TDS of 820 mg/l. Historical water quality has always exhibited overall good water quality with TDS below the SDWS. The County is continuing to closely observe the TDS values at this location.

Arsenic

Arsenic continues to be detected slightly above the PDWS of 0.01 mg/l in surficial aquifer detection monitoring well TH-58 at 0.015 mg/l and detection monitoring well TH-65 at 0.018 mg/l. Arsenic in the groundwater continues to be directly attributable to the liberation from sediments in an anaerobic environment ongoing under the lined landfill. There are no other exceedances of arsenic at the landfill and the water quality continues to be stable and non-migrating.

Chloride

All surficial monitoring wells were below the SDWS of 250 mg/l with the exception of TH-71A. As depicted in the water quality table and data chart included in **Appendix A,** chloride was detected above the SDWS in TH-71A at 330 mg/l and has consistently trended upward over the period of record. The County implemented drainage improvements to effectively remove storm water away from the landfill and hopefully reverse the water quality trends moving forward.

Iron

Iron was detected above the SDWS of 0.3 mg/l in most of the surficial aquifer detection and background water quality monitoring wells across the site. Concentrations exceeding the standard ranged from 0.49 to 44 mg/l with the highest concentrations in surficial aquifer

detection wells TH-70A, and TH-71A along the west side of Section 9, where iron producing microbial processes are ongoing in the soil and groundwater. Iron has been documented to be present across the site prior to landfill construction and operation; therefore, the County maintains the position elevated iron within the surficial aquifer is naturally occurring. The certified laboratory report from AEL for the surficial aquifer monitoring wells is included in **Appendix B**.

Vanadium

Vanadium was observed in surficial aquifer background monitoring wells TH-61A and TH-83 above the Ground Cleanup Target Level (GCTL) of 0.049 mg/l at a concentration of 0.17 mg/l and 0.15 mg/l. Vanadium observed at TH-61A has exhibited concentrations above the standard and are relatively consistent over the period of record and based on the up gradient location, naturally occurring in the formation. The vanadium in TH-83 may also be naturally occurring in the formation; however, the County shall continue to closely observe the vanadium in this detection well.

Upper Floridan Aquifer (UFA) Monitoring Wells

A brief description of the groundwater data for the four (4) UFA monitoring wells is provided in the paragraphs below. Water quality results of the UFA are depicted in **Table 2** and the certified laboratory report provided by AEL is included in **Appendix B**.

Total Dissolved Solids (TDS)

All Upper Floridan aquifer (UFA) monitoring wells were below the SDWS for TDS with the exception of TH-72. UFA monitoring well TH-72 exhibited elevated TDS at 700 mg/l and is consistent with the data presented over the period of record. TDS in TH-72 is attributable to the former sinkhole in Phase VI of the landfill where waste and injected grout materials utilized for subsurface stabilization and remediation encountered the UFA. Downgradient compliance point for the monitoring of Phase VI, identified as TH-78, continues to exhibit water quality within respective standards and clearly demonstrates there are no impacts to downgradient receptors.

Iron

Iron was observed at the SDWS of 0.3 mg/l in UFA monitoring well TH-72 and is consistent since sinkhole stabilization activities were completed in 2015. The current semi-annual monitoring of TH-72 and the downgradient water quality in UFA monitoring well TH-78 continues to demonstrate iron above the SDWS is not laterally migrating off site.

Surface Water Sampling Locations

A brief and detailed description of the surface water data is provided in the paragraphs below. The data is provided in **Table 3** of the report and the laboratory report from AEL is in **Appendix B**.

Dissolved Oxygen
Surface water sampling locations Mine Cut 1D, Stream-3A, SW-3B2B, and Stream 3C2 exhibited dissolved oxygen at 0.4 mg/l, 0.24 mg/l, 3.16 mg/l, and 3.46 mg/l. Surface water sampling location Stream-3C2 is the discharge monitoring point for the site in the tributary to Long Flat Creek. Compiled data exhibits improving water quality across the tributary and is consistent with the historical data set.

Private Supply Well Sampling Locations

Iron
Three private supply wells south and east of the landfill were sampled on September 1, 2021. The private supply well owned by Mr. Terry Holland, located at 121 Carter Road, exhibited iron above the SDWS of 0.3 mg/l, at a concentration of 1.7 mg/l. Concentrations of iron are consistently above the SDWS at the Holland well and the County maintains the position that iron is naturally occurring within production zones of the upper Floridan aquifer. The data is provided in **Table 4** of the report and the laboratory report from AEL is in **Appendix B**.

Evaluation Monitoring Evaluation

Evaluation monitoring as part of the corrective actions continued at the Site near the Phase II waste disposal area by collecting groundwater samples from detection well TH-83 as part of the site wide semi-annual water quality monitoring and quarterly samples from compliance monitoring well TH-84. Representative groundwater samples were collected for the evaluation monitoring on May 5, August 10, and November 3, 2021. Results from the sample collection activities are addressed in the following discussion.

May 5, 2021
Vanadium was observed during in surficial aquifer detection monitoring well TH-83 above the Ground Cleanup Target Level (GCTL) of 0.049 mg/l at a concentration at 0.094 mg/l. The compliance monitoring well, identified as TH-84, exhibited vanadium at 0.0039 mg/l. Vanadium has been observed at upgradient location TH-61A above the standard over the

period of record and appears to be naturally occurring in the lithologic formation. All other parameters were within their respective cleanup standards.

August 10, 2021
Vanadium was observed from compliance monitoring in compliance monitoring well TH-84 above the GCTL of 0.049 mg/l at a concentration at 0.066 mg/l and selenium was observed slightly above the Primary Drinking Water Standard (PDWS) of 0.05 mg/l at 0.053 mg/l. All other parameters were within their respective cleanup standards.

November 3, 2021
Vanadium was observed from compliance monitoring in compliance monitoring well TH-84 above the GCTL of 0.049 mg/l at a concentration at 0.068 mg/l and selenium was observed slightly above the Primary Drinking Water Standard (PDWS) of 0.05 mg/l at 0.054 mg/l. All other parameters were within their respective cleanup standards.

Conclusions
Semi-annual water quality observations at the Southeast County Landfill remain consistent with the historical data set. Surficial aquifer groundwater monitoring wells continue to exhibit pH, TDS, iron, chloride, vanadium, and arsenic outside their applicable primary and secondary standards. Background water quality recorded prior to landfill construction and operation established pH and iron below the acceptable range within the surficial aquifer.

Arsenic was detected in surficial aquifer monitoring well TH-58 and in TH-65 exceeding the PDWS of 0.01 mg/l. Over the period of record, each monitoring location has consistently exhibited the liberation of arsenic due to the anaerobic conditions present under the landfill liner. Additionally, A review of the historical vanadium and selenium in the leachate and effluent is relatively low and below the PDWS. With the vanadium detected over the period of record in upgradient monitoring well TH-61A, the detections in TH-83 and TH-84 may be low level interference or naturally occurring in the upper formation on the east side of the landfill.

Monitoring well TH-71A exhibited TDS and chloride above the SDWS and continues to be attributable to storm water runoff from the surface of Section 9. As the chloride and sodium continued to trend upward over the period of review, TDS continues to be stable and indicate no discernable trends. Corrective actions to the storm water conveyance system were implemented in 2014 and again in 2019 to alleviate the influence and reduce localized TDS in the groundwater.

Upper Floridan Aquifer (UFA) monitoring well TH-72 continues to exhibit minor water quality impacts that are attributable to the former sinkhole within Phase VI of the landfill. TDS continues to exceed their respective standards; however, the water quality remains stable and

consistent. The downgradient compliance point for the monitoring of Phase VI, identified as TH-78, continues to exhibit water quality within their respective standards and clearly demonstrates there are no impacts to downgradient receptors.

Surface water bodies and upgradient private supply wells continue to be monitored semi-annually and exhibit no direct correlation to the groundwater conditions at the landfill.

Table 2 - Southeast County Landfill
Laboratory Analytical Data
Groundwater Monitoring Wells

General Parameters	Wells Associated with the Monitoring of Sections 7, 8, and 9								Wells Associated with the Monitoring of Phases I-VI													MCL Standard
	Surficial Aquifer Wells								Floridan Aquifer				Surficial Aquifer Wells									
	TH-36A	TH-61	TH-61A	TH-64	TH-68	TH-69A	TH-70A	TH-71A	TH-19	TH-40	TH-72	TH-78	TH-20B	TH-22A	TH-28A	TH-57	TH-58	TH-65	TH-66	TH-66A	TH-67	TH-79	TH-83	
Well Type	Background	Detection	Detection	Detection	Background	Detection	Detection	Detection	Background	Detection	Detection	Detection	Detection	Background	Detection	Detection	Detection	Detection	Detection	Detection	Detection	Detection	Detection	
WACS Testsite #	20329	20493	22595	20494	22039	22958	22959	22960	821	822	27753	29337	1157	19861	19862	1570	1571	20530	20531	22961	20532	30160	30399	
Sample Date	8/24/2021	8/27/2021	8/27/2021	8/27/2021	8/27/2021	8/27/2021	8/27/2021	8/27/2021	8/24/2021	8/25/2021	8/25/2021	8/26/2021	8/26/2021	8/24/2021	8/25/2021	8/25/2021	8/25/2021	8/23/2021	8/31/2021	8/23/2021	9/1/2021	9/1/2021	8/27/2021	NS
conductivity (umhos/cm) (field)	197.8	205.1	244.0	158.2	167.6	497.3	477.0	1,345.0	389.3	348.0	1,081.0	442.2	184.8	157.6	286.0	279.8	814.0	209.9	223.3	234.5	299.0	387.0	658.0	NS
dissolved oxygen (mg/l) (field)	1.09	0.91	1.66	0.95	1.25	0.49	2.69	0.32	0.32	0.27	0.26	0.31	0.25	0.07	0.55	0.64	0.39	0.60	0.22	0.44	0.38	3.01	3.31	NS
ORP (mV) (field)	93.20	99.30	101.70	180.30	29.10	-94.90 -	-63.40 -	-50.40 -	-81.50 -	-110.30 -	-132.20 -	-220.50 -	-94.70 -	-56.20 -	-95.60 -	-171.40 -	48.10	-38.00 -	-62.00 -	-110.70 -	15.40	-14.80 -	100.20	NS
temperature (°C) (field)	25.60	26.40	26.00	28.20	29.50	26.70	27.00	25.60	23.50	23.90	24.40	23.40	26.30	24.90	28.80	29.00	27.60	25.80	27.20	27.90	27.80	26.60	27.00	NS
turbidity (NTU) (field)	3.26	1.64	1.91	11.20	18.60	6.83	173.60	78.30	0.82	0.91	9.60	0.65	1.86	19.10	3.27	0.73	1.01	3.00	0.15	2.26	0.88	11.30	3.80	NS
pH (SU) (field)	5.57	5.39	5.55	4.72	5.52	5.95	6.31	5.93	7.12	7.16	6.61	7.40	5.70	4.42	5.31	5.22	5.54	5.31	5.73	5.90	6.16	5.66	6.22	(6.5 - 8.5)
total dissolved solids (mg/l)	140	170	200	160	230	380	310	1,400	210	250	700	380	160	230	250	260	820	190	110	200	130	200	420	500
chloride (mg/l)	7.9	7.3	6.5	9.1	10.0	42.0	25.0	330.0	8.7	17.0	170.0	31.0	19.0	11.0	61.0	62.0	210.0	20.0	8.0	8.0	10.0	17.0	130.0	250
ammonia nitrogen (mg/l as N)	0.020 U	0.023 I	0.020 U	0.025 I	0.230	0.780	1.500	1.700	0.270	0.340	7.800	0.320	1.000	0.220	2.000	1.300	0.089	1.000	0.280	0.570	0.310	2.000	5.100	NS(1)
nitrate (mg/l as N)	0.330	0.150	1.200	0.420 J4J4	0.092 U	0.120	0.092 U	0.160	0.092 U	0.130	0.092 U	0.170	0.092 U	0.092 U	0.092 U	0.092 U	1.400	0.092 U	0.160	0.092 U	0.460 U	0.460 U	3.400	10
Metals (mg/l)																								**MCL Standard**
antimony	0.0010 U	0.0010 U	0.0038 I	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0015 I	0.0010 U	0.0024 I	0.006
arsenic	0.00050 I	0.00250	0.00048 I	0.00073 I	0.00190	0.00260	0.00880	0.00480	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00300	0.00046 I	0.00140	0.00028 I	0.01500	0.01600	0.00350	0.00210	0.00084 I	0.00094 I	0.00068 I	0.01
barium	0.00560	0.00760	0.00580	0.04100	0.01500	0.00340	0.01600	0.04700	0.0058	0.0063	0.0360	0.0250	0.00300	0.0460	0.0022	0.0074	0.0420	0.0012 I	0.0015 I	0.0035	0.0034	0.01000	0.00430	2
Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.004
cadmium	0.00025 U	0.00025 I	0.00140	0.00047 I	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00033 I	0.00027 I	0.00025 U	0.005
chromium	0.00075 I	0.00090 I	0.00110 I	0.00240	0.00750	0.00120 I	0.00110 I	0.00100 I	0.00050 U	0.00050 U	0.00071 I	0.00050 U	0.00140 I	0.00510	0.00130 I	0.00079 I	0.00110 I	0.00170 I	0.00120 I	0.00055 I	0.00050 U	0.00370	0.00077 I	0.1
cobalt	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00026 I	0.00025 U	0.00060 I	0.00025 U	0.00048 I	0.00025 U	0.00025 U	0.00150	0.00025 U	0.00025 U	0.00091 I	0.00059 I	0.00130	0.140
copper	0.0010 U	0.0032 I	0.0100	0.0017 I	0.0035 I	0.0018 I	0.0010 U	0.0010 U	0.0010 U	0.0012 I	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0025 I	0.0026 I	0.0020 I	0.0023 I	1
iron	0.0067 U	0.2500	0.0067 U	0.2100	0.7600	22.0000	41.0000	44.0000	0.0140 I	0.0200 I	0.3000	0.1400	3.6000	0.2500	3.3000	0.6900	3.5000	1.0000	1.7000	0.1000	0.4900	3.3000	0.0770 I	0.3
lead	0.00050 U	0.00050 U	0.00050 U	0.00110 I	0.00140 I	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00051 I	0.00050 U	0.00050 U	0.00050 U	0.00092 I	0.00050 U	0.00054 I	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00068 I	0.00050 U	0.015
mercury	0.000011 U	0.000067 I	0.000065 I	0.000130	0.000440	0.000067 I	0.000063 I	0.000083 I	0.000014 I	0.000080 I	0.000011 U	0.000140	0.000071 I	0.000029 I	0.000120	0.000090 I	0.000011 U	0.000011 U	0.000058 I	0.000011 U	0.000014 I	0.000032 I	0.000080 I	0.002
nickel	0.0012 U	0.0012 U	0.0060	0.0012 U	0.0013 I	0.0021 I	0.0057	0.0052	0.0019 I	0.0012 U	0.0036 I	0.0016 I	0.0021 I	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0019 I	0.0012 U	0.0033 I	0.0040 I	0.0029 I	0.0081	0.1
selenium	0.0012 U	0.0012 U	0.0072	0.0025 I	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0029 I	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0022 I	0.05
silver	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.1
sodium	3.90	3.70	3.40	6.40	5.70	16.00	11.00	78.00	13.00	17.00	68.00	32.00	8.40	2.00	18.00	19.00	51.00	8.30	4.20	5.20	8.40	10.00	80.00	160
thallium	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00063 I	0.00061 I	0.00025 U	0.00025 U	0.00030 I	0.00025 U	0.00100	0.002
vanadium	0.0220	0.0054	0.1700	0.0160	0.0043	0.0010 U	0.0053	0.0055	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0300	0.0031 I	0.0015 I	0.0010 U	0.0073	0.0100	0.0020 I	0.0120	0.0140	0.0075	0.1500	0.049
zinc	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.072 I	0.050 U	0.050 U	5
Organic Parameters (µg/l)																								**MCL Standard**
1,1,1,2-Tetrachloroethane	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	1.3
1,1,1-Trichloroethane	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	200
1,1,2,2-Tetrachloroethane	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2
1,1,2-Trichloroethane	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	5
1,1-Dichloroethane	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	70
1,1-Dichloroethylene	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	7
1,2,3-Trichloropropane	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.02
1,2-Dibromo-3-Chloropropane	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.2
1,2-Dichlorobenzene	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	600
1,2-Dichloroethane	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	3
1,2-Dichloropropane	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	5
1,4-Dichlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	75
2-Butanone (MEK)	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	4200
2-Hexanone	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	280
4-Methyl-2-pentanone (MIBK)	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	560
Acetone	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	6300
Acrylonitrile	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.06
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1
Bromochloromethane	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	91
Bromodichloromethane	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.6
Bromoform	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	4.4
Bromomethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	9.8
Carbon Disulfide	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	700
Carbon Tetrahloride	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	5
Chlorobenzene	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	100
Chloroethane	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	12
Chloroform	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	70
Chloromethane	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	2.7
cis-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	70
cis-1,3-Dichloropropene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.4
Dibromochloromethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.4
Dibromomethane	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	70
Ethylbenzene	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	700
Ethylene Dibromide (EDB)	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02
Iodomethane (Methyl Iodide)	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	NS
Methylene Chloride	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	5
Styrene	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	100
Tetrachloroethylene (PCE)	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	3
Toluene	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	1000
trans-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	100
trans-1,3-Dichloropropylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.4
trans-1,4-Dichloro-2-butene	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	NS
Trichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	3
Trichlorofluoromethane	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	2100
Vinyl Acetate	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	88
Vinyl Chloride	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1
Xylene (Total)	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	10000

Notes: Reference Groundwater Guidance Concentrations, FDEP 2012
MCL Standards Derived from the Primary Drinking Water Standard (Ch. 62-520, F.A.C.), the Secondary Drinking Water Standard (Ch. 62-302, F.A.C.), and the Groundwater Cleanup target Levels (Ch. 62-777, F.A.C.)
MCL=Maximum Contaminant Level
NS=No Standard
NS(1)=GCTL of 2.8 is no longer suitable toxilogical reference for evaluating the significance of ammonia concentrations in groundwater.
mg/l = Milligrams Per Liter
ug/l = Micrograms Per Liter
umhos/cm = Micromhos Per Centimeter
NTU=Nephelometric Turbidity Units
mV = millivolts
I = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U = parameter was analyzed but not detected.
J4 = Estimated Result

:Exceeds Primary or Secondary Drinking Water Standard, or Groundwater Cleanup Target Level

Table 3 - Southeast County Landfill
Laboratory Analytical Data
Surface Water Samples

General Parameters	Mine Cut 1D	Stream-3A	SW-3B2B	Stream-3C2	MCL Standard
Sample Date	08/23/2021	08/23/2021	08/23/2021	08/23/2021	NS
conductivity (umhos/cm) (field)	319.6	240.6	285.3	324.2	1275
dissolved oxygen (mg/l) (field)	0.40	0.24	3.16	3.46	*
DO Saturation (%) (field)	5.30	3.00	38.70	43.30	*
ORP (mV) (field)	9.1	-119.8 -	67.3	23.1	NS
temperature (°C) (field)	29.1	27.7	25.8	27.3	NS
turbidity (NTU) (field)	3.52	4.76	1.55	2.37	29 above background
pH (SU) (field)	6.22	6.13	6.25	6.46	(6.0 - 8.5)
total dissolved solids (mg/l)	300	20	230	240	NS
total suspended solids (mg/l)	8.8	4.4	4.0	2.4	NS
total nitrogen (mg/l)	1.00	0.80	1.00	0.80	NS
nitrate (as N) (mg/l)	0.092 U	0.300	0.100	0.400	NS
total phosphorous (mg/l)	3.000	0.150 U	0.700 J4J4	0.300	NS
biochem. oxygen demand (mg/l)	4.6	5.4	2.6	2.0 U	NS
chemical oxygen demand (mg/l)	63	28 I	41 I	28 I	NS
total organic carbon (mg/l as C)	20.00	9.90	15.00	13.00	NS
chlorophyll-A (mg/m3)	20.0	7.2	38.0	2.5 U	NS
total hardness (mg/l as CaCO)	110.0	84.0	96.0	100.0	NS
unionized ammonia (mg/l)	0.0000200 U	0.0003000 I	0.0000700 I	0.0001000 I	0.02
fecal coliform (Col/100ml)	20	20	30	80	800
Metals (mg/l)					**MCL Standard**
antimony	0.0010 U	0.0010 U	0.0010 U	0.0010 U	4.3
arsenic	0.00046 I	0.00033 I	0.00086 I	0.00038 I	0.05
barium	0.00200	0.02600	0.00840	0.01900	NS
Beryllium	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.00013
cadmium	0.00025 U	0.00025 U	0.00025 U	0.00025 U	e(0.7409{lnH]-4.719)
chromium	0.00050 U	0.00077 I	0.00084 I	0.00084 I	0.011
cobalt	0.00025 U	0.00025 U	0.00025 U	0.00025 U	NS
copper	0.0010 U	0.0010 U	0.0010 U	0.0010 U	e(0.8545[lnH]-1.702)
iron	0.1400	0.3700	0.5600	0.4400	1
lead	0.00050 U	0.00050 U	0.00050 U	0.00050 U	e(1.273[lnH]-4.705)
mercury	0.000011 U	0.000011 U	0.000011 U	0.000011 U	0.000012
nickel	0.0012 U	0.0012 U	0.0013 I	0.0012 U	e(0.846[lnH]+0.0584)
selenium	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.005
silver	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00007
thallium	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.0063
vanadium	0.0010 U	0.0011 I	0.0022 I	0.0013 I	NS
zinc	0.050 U	0.050 U	0.050 U	0.050 U	e(0.8473[lnH]+0.884)
Organic Parameters (µg/l)					**MCL Standard**
1,1,1,2-Tetrachloroethane	0.47 U	0.47 U	0.47 U	0.47 U	NS
1,1,1-Trichloroethane	0.39 U	0.39 U	0.39 U	0.39 U	270
1,1,2,2-Tetrachloroethane	0.20 U	0.20 U	0.20 U	0.20 U	10.8
1,1,2-Trichloroethane	0.40 U	0.40 U	0.40 U	0.40 U	16
1,1-Dichloroethane	0.38 U	0.38 U	0.38 U	0.38 U	NS
1,1-Dichloroethylene	0.41 U	0.41 U	0.41 U	0.41 U	3.2
1,2,3-Trichloropropane	0.015 U	0.015 U	0.015 U	0.015 U	0.2
1,2-Dibromo-3-Chloropropane	0.023 U	0.023 U	0.023 U	0.023 U	NS
1,2-Dichlorobenzene	0.44 U	0.44 U	0.44 U	0.44 U	99
1,2-Dichloroethane	0.40 U	0.40 U	0.40 U	0.40 U	37
1,2-Dichloropropane	0.18 U	0.18 U	0.18 U	0.18 U	14
1,4-Dichlorobenzene	0.36 U	0.36 U	0.36 U	0.36 U	3
2-Butanone (MEK)	0.33 U	0.33 U	0.33 U	0.33 U	120000
2-Hexanone	0.42 U	0.42 U	0.42 U	0.42 U	NS
4-Methyl-2-pentanone (MIBK)	0.40 U	0.40 U	0.40 U	0.40 U	23000
Acetone	0.9 U	0.9 U	0.9 U	0.9 U	1700
Acrylonitrile	0.38 U	0.38 U	0.38 U	0.38 U	0.2
Benzene	0.28 U	0.28 U	0.28 U	0.28 U	71.28
Bromochloromethane	0.33 U	0.33 U	0.33 U	0.33 U	NS
Bromodichloromethane	0.39 U	0.39 U	0.39 U	0.39 U	22
Bromoform	0.36 U	0.36 U	0.36 U	0.36 U	360
Bromomethane	0.32 U	0.32 U	0.32 U	0.32 U	35
Carbon Disulfide	0.42 U	0.42 U	0.42 U	0.42 U	110
Carbon Tetrahloride	0.41 U	0.41 U	0.41 U	0.41 U	4.42
Chlorobenzene	0.38 U	0.38 U	0.38 U	0.38 U	17
Chloroethane	0.42 U	0.42 U	0.42 U	0.42 U	NS
Chloroform	0.37 U	0.37 U	0.37 U	0.37 U	470.8
Chloromethane	0.39 U	0.39 U	0.39 U	0.39 U	470.8
cis-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	0.39 U	NS
cis-1,3-Dichloropropene	0.26 U	0.26 U	0.26 U	0.26 U	NS
Dibromochloromethane	0.36 U	0.36 U	0.36 U	0.36 U	34
Dibromomethane	0.41 U	0.41 U	0.41 U	0.41 U	NS
Ethylbenzene	0.56 U	0.56 U	0.56 U	0.56 U	610
Ethylene Dibromide (EDB)	0.019 U	0.019 U	0.019 U	0.019 U	13
Iodomethane (Methyl Iodide)	0.83 U	0.83 U	0.83 U	0.83 U	NS
Methylene Chloride	0.56 U	0.56 U	0.56 U	0.56 U	1580
Styrene	0.29 U	0.29 U	0.29 U	0.29 U	460
Tetrachloroethylene (PCE)	0.45 U	0.45 U	0.45 U	0.45 U	8.85
Toluene	0.66 U	0.66 U	0.66 U	0.66 U	480
trans-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	0.39 U	11000
trans-1,3-Dichloropropylene	0.26 U	0.26 U	0.26 U	0.26 U	NS
trans-1,4-Dichloro-2-butene	0.46 U	0.46 U	0.46 U	0.46 U	NS
Trichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	80.7
Trichlorofluoromethane	0.26 U	0.26 U	0.26 U	0.26 U	NS
Vinyl Acetate	0.37 U	0.37 U	0.37 U	0.37 U	700
Vinyl Chloride	0.44 U	0.44 U	0.44 U	0.44 U	2.4
Xylene (Total)	1.30 U	1.30 U	1.30 U	1.30 U	370

NOTES:

Referenced, Surface Water Quality Standards Chapter 62-302 and Freshwater Surface Water Cleanup Criteria in Chapter 62-550, Table I, F.A.C.

"ln H" means the natural logarithm of total hardess expressed as miligrams/L of CaCO3.

MCL=Maximum Contaminant Level

NS=No Standard

mg/l = Milligrams Per Liter

ug/l = Micrograms Per Liter

umhos/cm = Micromhos Per Centimeter

NTU=Nephelometric Turbidity Units

mV = millivolts

*** = Criteria set forth in accordance with Chapter 62-302.533**

I = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = parameter was analyzed but not detected.

:Exceeds Primary or Secondary Drinking Water Standard, or Surfacewater Cleanup Target Level

Table 4 - Southeast County Landfill
Laboratory Analytical Data
Private Supply Wells

General Parameters	Barnes	Keene, Jr.	Holland	MCL Standard
Sample Date	9/1/2021	9/1/2021	9/1/2021	NS
conductivity (umhos/cm) (field)	417.20	420.70	464.20	NS
dissolved oxygen (mg/l) (field)	0.32	0.51	0.23	NS
ORP (mV) (field)	-18.30	-8.60 -	-170.40	NS
temperature (°C) (field)	24.10	25.10	24.30	NS
turbidity (NTU) (field)	0.28	1.12	1.82	NS
pH (SU) (field)	7.09	7.44	6.78	(6.5 - 8.5)
total dissolved solids (mg/l)	210	240	270	500
chloride (mg/l)	7.6	15.0	19.0	250
ammonia nitrogen (mg/l as N)	0.320	0.120	0.054	NS(1)
nitrate (mg/l as N)	1.000 J4J4	0.490	0.092 U	10
Metals (mg/l)				**MCL Standard**
antimony	0.0010 U	0.0010 U	0.0010 U	0.006
arsenic	0.00025 U	0.00040 I	0.00025 U	0.01
barium	0.00530	0.00410	0.00590	2
Beryllium	0.0020 U	0.0020 U	0.0020 U	0.004
cadmium	0.00025 U	0.00025 U	0.00025 U	0.005
chromium	0.00050 U	0.00050 U	0.00050 U	0.1
cobalt	0.00025 U	0.00025 U	0.00025 U	0.140
copper	0.0790	0.0013 I	0.0087	1
iron	0.0067 U	0.0067 U	**1.7000**	0.3
lead	0.00330	0.00050 U	0.00050 U	0.015
mercury	0.000012 I	0.000013 I	0.000012 I	0.002
nickel	0.0012 U	0.0012 U	0.0088	0.1
selenium	0.0012 U	0.0012 U	0.0012 U	0.05
silver	0.00050 U	0.00050 U	0.00050 U	0.1
sodium	15.00	6.80	5.80	160
thallium	0.00025 U	0.00025 U	0.00025 U	0.002
vanadium	0.0010 U	0.0010 U	0.0010 U	0.049
zinc	0.072 I	0.089 I	0.050 U	5
Organic Parameters (µg/l)				**MCL Standard**
1,1,1,2-Tetrachloroethane	0.47 U	0.47 U	0.47 U	1.3
1,1,1-Trichloroethane	0.39 U	0.39 U	0.39 U	200
1,1,2,2-Tetrachloroethane	0.20 U	0.20 U	0.20 U	0.2
1,1,2-Trichloroethane	0.40 U	0.40 U	0.40 U	5
1,1-Dichloroethane	0.38 U	0.38 U	0.38 U	70
1,1-Dichloroethylene	0.41 U	0.41 U	0.41 U	7
1,2,3-Trichloropropane	0.015 U	0.015 U	0.015 U	0.02
1,2-Dibromo-3-Chloropropane	0.023 U	0.023 U	0.023 U	0.2
1,2-Dichlorobenzene	0.44 U	0.44 U	0.44 U	600
1,2-Dichloroethane	0.40 U	0.40 U	0.40 U	3
1,2-Dichloropropane	0.18 U	0.18 U	0.18 U	5
1,4-Dichlorobenzene	0.36 U	0.36 U	0.36 U	75
2-Butanone (MEK)	0.33 U	0.33 U	0.33 U	4200
2-Hexanone	0.42 U	0.42 U	0.42 U	280
4-Methyl-2-pentanone (MIBK)	0.40 U	0.40 U	0.40 U	560
Acetone	0.9 U	0.9 U	0.9 U	6300
Acrylonitrile	**0.38** U	**0.38** U	**0.38** U	0.06
Benzene	0.28 U	0.28 U	0.28 U	1
Bromochloromethane	0.33 U	0.33 U	0.33 U	91
Bromodichloromethane	0.39 U	0.39 U	0.39 U	0.6
Bromoform	0.36 U	0.36 U	0.36 U	4.4
Bromomethane	0.32 U	0.32 U	0.32 U	9.8
Carbon Disulfide	0.42 U	0.42 U	0.42 U	700
Carbon Tetrahloride	0.41 U	0.41 U	0.41 U	5
Chlorobenzene	0.38 U	0.38 U	0.38 U	100
Chloroethane	0.42 U	0.42 U	0.42 U	12
Chloroform	0.37 U	0.37 U	0.37 U	70
Chloromethane	0.39 U	0.39 U	0.39 U	2.7
cis-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	70
cis-1,3-Dichloropropene	0.26 U	0.26 U	0.26 U	0.4
Dibromochloromethane	0.36 U	0.36 U	0.36 U	0.4
Dibromomethane	0.41 U	0.41 U	0.41 U	70
Ethylbenzene	0.56 U	0.56 U	0.56 U	700
Ethylene Dibromide (EDB)	0.019 U	0.019 U	0.019 U	0.02
Iodomethane (Methyl Iodide)	0.83 U	0.83 U	0.83 U	NS
Methylene Chloride	0.56 U	0.56 U	0.56 U	5
Styrene	0.29 U	0.29 U	0.29 U	100
Tetrachloroethylene (PCE)	0.45 U	0.48 I	0.45 U	3
Toluene	0.66 U	0.66 U	0.66 U	1000
trans-1,2-Dichloroethylene	0.39 U	0.39 U	0.39 U	100
trans-1,3-Dichloropropylene	0.26 U	0.26 U	0.26 U	0.4
trans-1,4-Dichloro-2-butene	0.46 U	0.46 U	0.46 U	NS
Trichloroethene	0.32 U	0.32 U	0.32 U	3
Trichlorofluoromethane	0.26 U	0.26 U	0.26 U	2100
Vinyl Acetate	0.37 U	0.37 U	0.37 U	88
Vinyl Chloride	0.44 U	0.44 U	0.44 U	1
Xylene (Total)	1.30 U	1.30 U	1.30 U	10000

Notes: Reference Groundwater Guidance Concentrations, FDEP 2012

MCL Standards Derived from the Primary Drinking Water Standard (Ch. 62-520, F.A.C.), the Secondary Drinking Water Standard (Ch. 62-302, F.A.C.), and the Groundwater Cleanup target Levels (Ch. 62-777, F.A.C.)

MCL=Maximum Contaminant Level

NS=No Standard

NS(1)=GCTL of 2.8 is no longer suitable toxilogical reference for evaluating the significance of ammonia concentrations in groundwater.

mg/l = Milligrams Per Liter

ug/l = Micrograms Per Liter

umhos/cm = Micromhos Per Centimeter

NTU=Nephelometric Turbidity Units

mV = millivolts

I = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = parameter was analyzed but not detected.

J4 = Estimated Result

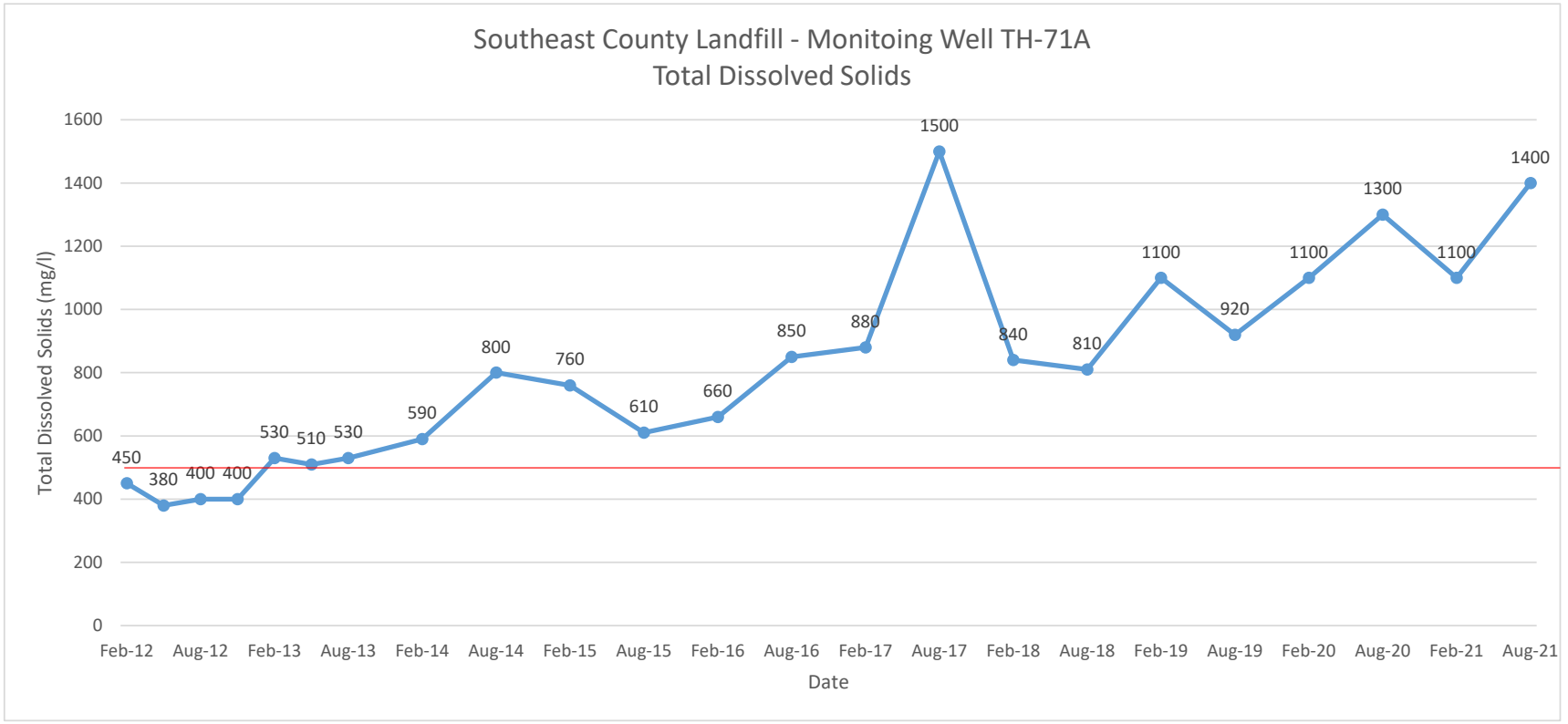
:Exceeds Primary or Secondary Drinking Water Standard, or Groundwater Cleanup Target Level

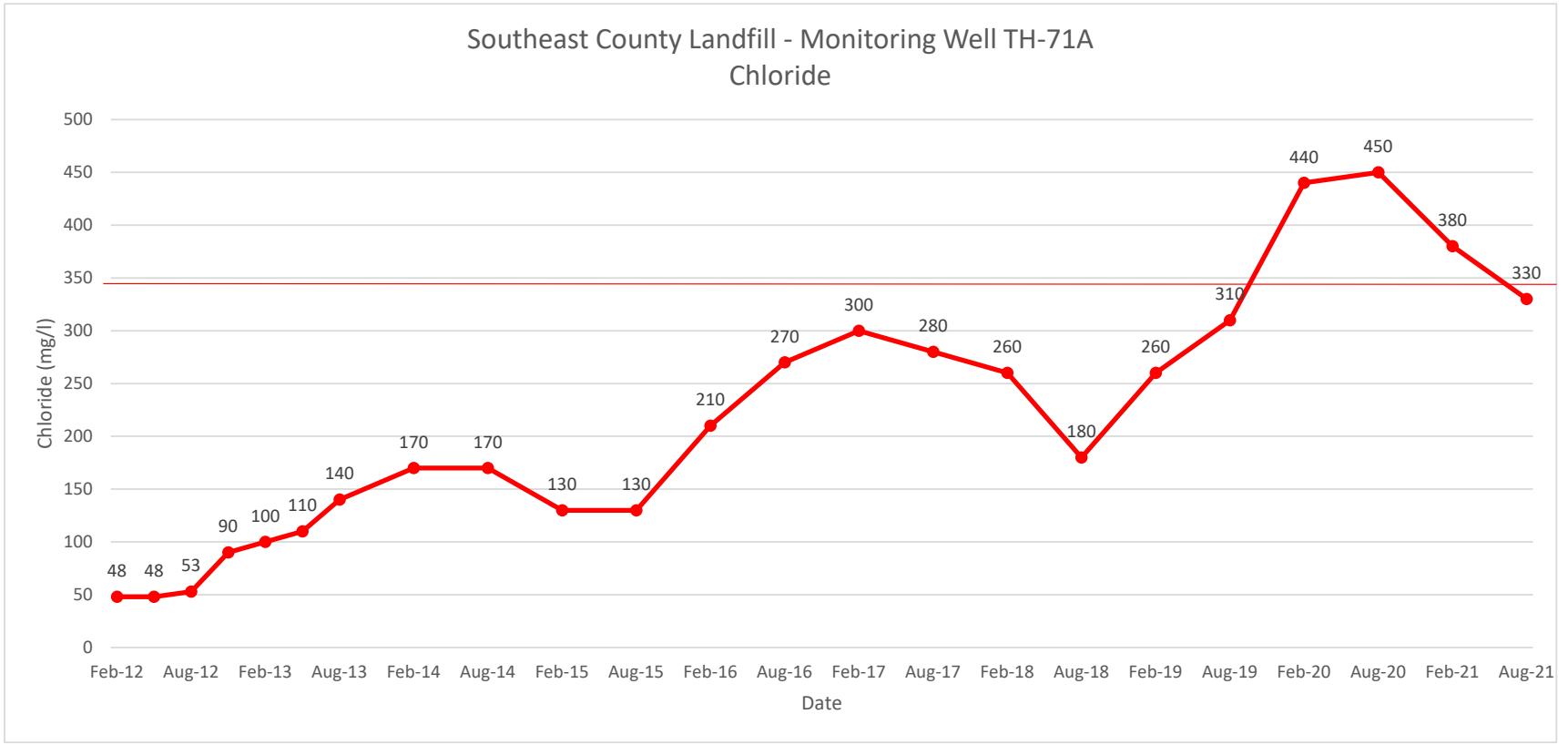
Attachment A
Monitoring Well TH-71A
Historical Water Quality Data
Table and Chart

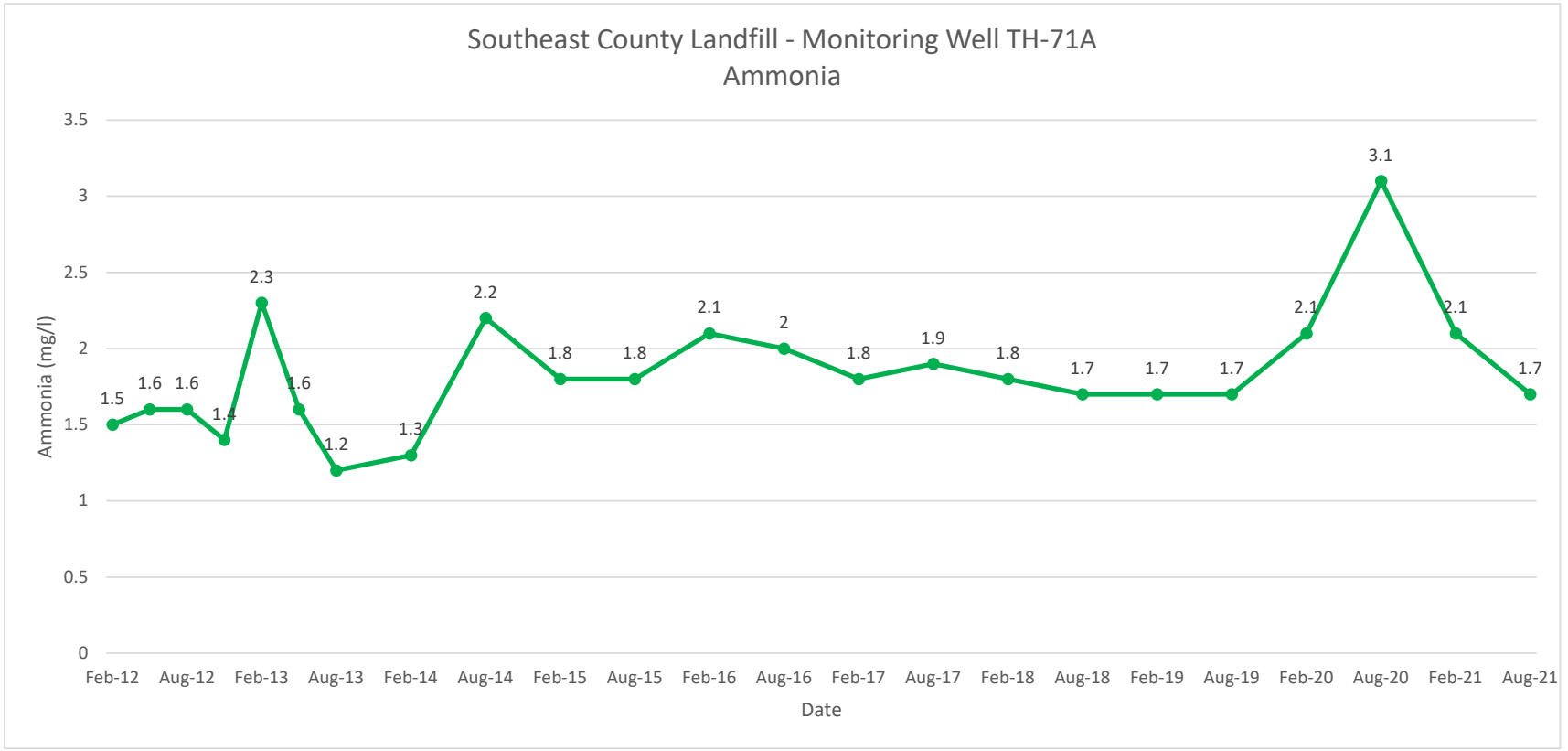
Historical Water Quality - Southeast Landfill
Surficial Aquifer Detection Well TH-71A

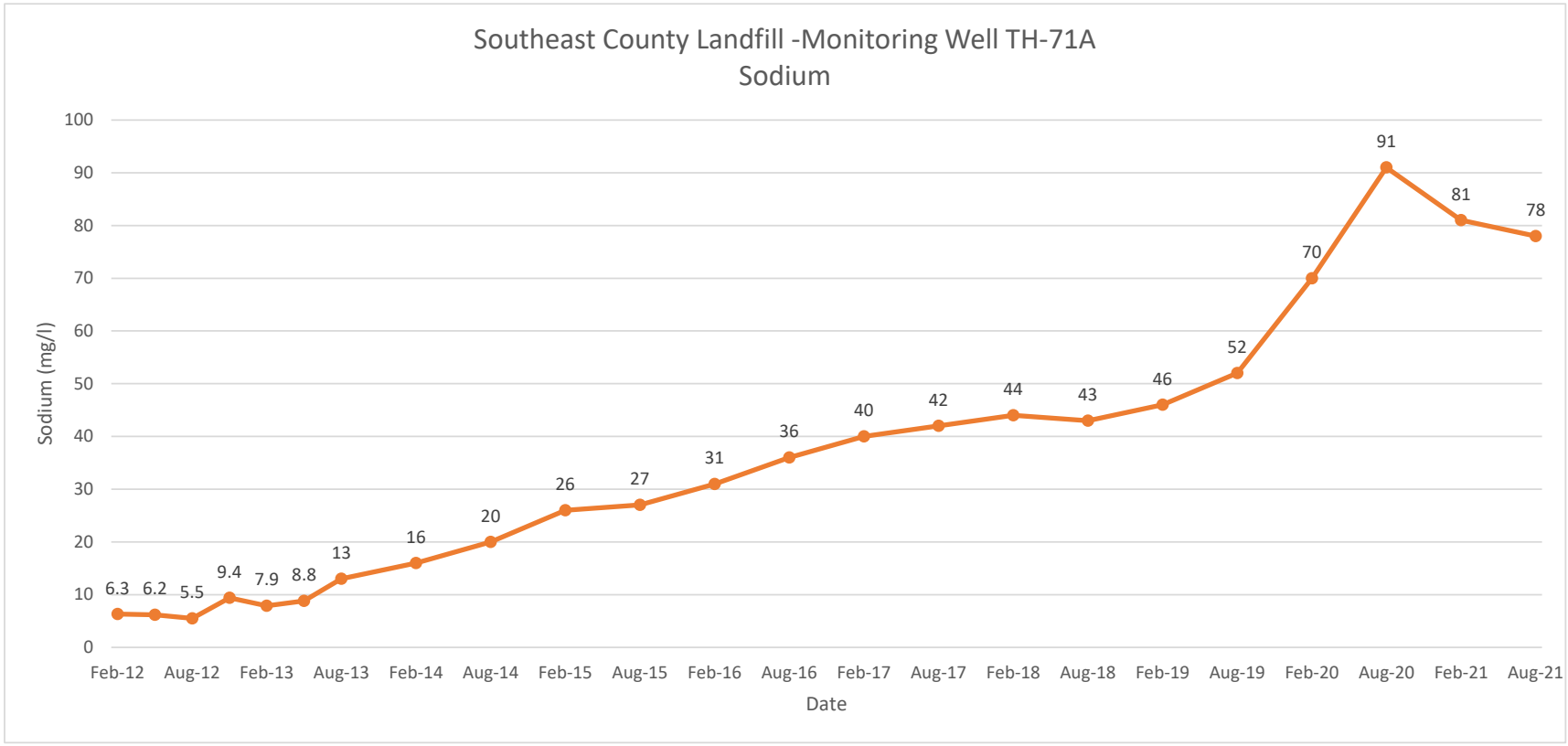
General Parameters	Feb-12	May-12	Aug-12	Nov-12	Feb-13	May-13	Aug-13	Feb-14	Aug-14	Feb-15	Aug-15	Feb-16	Aug-16	Feb-17	Aug-17	Feb-18	Aug-18	Feb-19	Aug-19	Feb-20	Aug-20	Feb-21	Aug-21	MCL Standard
conductivity (umhos/cm) (field)	741	734	731	922	815	782	880	1167	1351	1423	1191	1335	1574	1578	1524	1435	1267	1408	1476	1791	1925	1784	1345	NS
dissolved oxygen (mg/l) (field)	0.24	0.39	0.12	0.16	0.22	0.15	0.19	0.52	0.21	0.59	0.43	0.15	0.08	0.2	0.08	0.34	0.06	0.15	0.13	0.14	0.12	0.13	0.32	NS
ORP (mV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-54.6	-42.8	-54.7	-58.6	-75.6	-20.6	-40.4	-48	-36.1	-35.1	-50.4	NS
temperature (°C) (field)	24.10	23.50	25.10	25.90	24.50	23.80	24.80	24.42	24.65	23.11	24.55	24.64	24.65	24.73	25.04	24.9	25.1	24.7	24.9	24.7	25.2	25.1	25.6	NS
turbidity (NTU) (field)	12.7	9.43	4.8	3.14	7.9	5.11	5.3	3.29	3.36	2.6	6.6	2.87	18.9	5.65	8.47	9.12	37.7	4.67	6.51	9.32	15.3	6.9	78.3	NS
pH (field)	6.03	5.84	5.85	6.11	6.09	6.42	6.20	6.40	6.14	6.19	6.23	6.10	6.05	6.22	6.13	6.14	6.16	6.03	6.16	6.07	5.94	5.83	5.93	(6.5 - 8.5)**
total dissolved solids (mg/l)	450	380	400	400	530	510	530	590	800	760	610	660	850	880	1500	840	810	1100	920	1100	1300	1100	1400	500**
chloride (mg/l)	48	48	53	90	100	110	140	170	170	130	130	210	270	300	280	260	180	260	310	440	450	380	330	250**
ammonia nitrogen (mg/l as N)	1.5	1.6	1.6	1.4	2.3	1.6	1.2	1.3	2.2	1.8	1.8	2.1	2	1.8	1.9	1.8	1.7	1.7	1.7	2.1	3.1	2.1	1.7	NS(1)
nitrate (mg/l as N)	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.1 u	0.18 u	0.18 u	0.18 u	0.18 u	0.18 u	0.18 u	0.18 u	0.3	0.18 u	0.11	0.13	0.095 I	0.13	0.16	10*
Metals (mg/l)																								MCL Standard
antimony	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0086 u	0.0002 i	0.000087 i	0.00022 i	0.00019 i	0.0001 i	0.00016 i	0.0015	0.00015 i	0.0006 i	0.00048 I	0.00011 I	0.0010 U	0.0010 U	0.006*
arsenic	0.0078	0.0042	0.0037	0.0068	0.0034	0.0031	0.0034	0.0023 i	0.0026	0.0016 u	0.0035	0.0026	0.0011 i	0.0034	0.0034	0.0028	0.0069	0.0014	0.0037	0.0029	0.003	0.0025	0.0048	0.01*
barium	0.018	0.014	0.0096	0.013	0.023	0.012	0.016	0.014	0.013	0.012	0.012	0.013	0.013	0.017	0.017	0.014	0.023	0.0098	0.018	0.019	0.02	0.018	0.047	2*
beryllium	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00011 u	0.00013 u	0.00013 u	0.00019 i	0.00011 u	0.00011 u	0.00029 u	0.00029 u	0.00029 u	0.00029 u	0.00029 U	0.002 U	0.0020 U	0.0020 U	0.004*
cadmium	0.000095 u	0.000097 i	0.000095 u	0.000095 u	0.00021 i	0.00010 i	0.0001 i	0.000095 u	0.000095 u	0.0011	0.000056 u	0.000028 u	0.000056 u	0.000028 u	0.000031 i	0.000064 u	0.000064 u	0.000064 u	0.000064 u	0.000064 U	0.000064 U	0.00025 U	0.00025 U	0.005*
chromium	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.00038 i	0.00059 i	0.00056 i	0.00021 u	0.00071 i	0.00065 i	0.00068 i	0.0013 i	0.00036 i	0.00081 i	0.00072 I	0.00011 U	0.00068 I	0.00100 I	0.2
cobalt	0.0014	0.00083	0.00048 i	0.0023	0.0014	0.00069	0.00037 i	0.00069	0.00034 i	0.00045 i	0.00038 u	0.00029 i	0.00038 u	0.00021 i	0.00019 u	0.00023 i	0.00032 i	0.00019 i	0.00025 i	0.00031 I	0.0002 I	0.00025 U	0.00025 U	140***
copper	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0011 u	0.0059 i	0.00022 u	0.00011 u	0.00029 i	0.00011 u	0.00022 i	0.00035 u	0.00035 u	0.00035 u	0.00035 u	0.00035 U	0.00035 U	0.0010 U	0.0010 U	1**
iron	39	29	20	28	23	24	32	29	32	27	24	27	27	36	40	37	60	22	40	40	44	34	44	0.3**
lead	0.0002 u	0.00021 i	0.00020 u	0.00034 i	0.0020	0.00020 u	0.00024 i	0.00020 u	0.00020 u	0.0032 u	0.00048 u	0.00024u	0.00048 u	0.00024 u	0.00024 u	0.00024 u	0.00024 u	0.00024 u	0.00024 u	0.00024 U	0.00024 U	0.00050 U	0.00050 U	0.015*
mercury	0.000091 u	0.000091 u	0.00014 i	0.000072 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000091 u	0.000064 u	0.000084 u	0.000084 u	0.000084 u	0.000050 u	0.00005 u	0.00005 u	0.00005 u	0.000050 i	0.00005 u	0.00005 U	0.00003 U	0.000028 U	0.000083 I	0.002*
nickel	0.006	0.004 i	0.0033 i	0.0075	0.0045 i	0.0035 i	0.0037 i	0.0036 i	0.0024 i	0.0012 u	0.00022 u	0.0016	0.0014 i	0.0014	0.0018	0.0015 i	0.0015 i	0.0012 i	0.00098 u	0.0017 I	0.0074	0.0037 I	0.0052	0.1*
selenium	0.001 u	0.0010 u	0.0010 u	0.0010 u	0.0010 u	0.0010 u	0.0010 u	0.0010 u	0.0010 u	0.0041 u	0.0012 u	0.003 i	0.0012 u	0.00058 u	0.00058 u	0.00058 u	0.00059 i	0.00058 u	0.00058 u	0.00058 U	0.00058 U	0.0012 U	0.0012 U	0.05*
silver	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00025 u	0.00063 u	0.000054 u	0.000027 u	0.000054 u	0.000031 i	0.000027 u	0.000068 u	0.000068 u	0.000068 u	0.000068 u	0.000068 U	0.000068 U	0.00050 U	0.00050 U	0.10**
sodium	6.3	6.2	5.5	9.4	7.9	8.8	13	16	20	26	27	31	36	40	42	44	43	46	52	70	91	81	78	160*
thallium	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.00050 u	0.0024 u	0.00011 u	0.000057 u	0.00011 u	0.00057 u	0.00057 u	0.000057 u	0.000057 u	0.000057 u	0.000057 u	0.000057 U	0.000057 U	0.00025 U	0.00025 U	0.002*
vanadium	0.012	0.0051 i	0.0038 u	0.0038 u	0.0053 i	0.0038 u	0.0076 i	0.0038 u	0.0038 u	0.0034	0.0021 i	0.0024	0.0014 u	0.0057	0.0049	0.011	0.023	0.0031	0.0096	0.014	0.0028	0.0020 I	0.0055	0.049***
zinc	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.011	0.0020 u	0.012	0.0020 u	0.006 i	0.017	0.00079 i	0.0094 i	0.0074 u	0.0074 u	0.0074 U	0.05 U	0.050 U	0.050 U	5**
Organic Parameters Detected (ug/l)																								MCL Standard
acetone	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	1 u	1 u	1 u	1 u	1 u	1 u	1.5 i	1 u	1 u	2 u	1 U	0.9 U	4.5 V	0.9 U	6300***

NOTE: Reference FDEP Groundwater Guidance Concentrations
NS= No Standard
NS(1)= GCTL of 2.8 is no longer suitable toxilogical reference for evaluating the significance of ammonia concentrations in groundwater.
MCL= Maximum Containment Level
BDL= Below Detection Limit
ND= No Data (ORP was not being collected during sampling event)
*= Primary Drinking Water Standard
**= Secondary Drinking Water Standard
***= Florida Guidance Concentration MCL
6.03 : Exceeds Standards
NTU= Nephelometric Turbidity Units
µg/l= Micrograms Per Liter
mg/l= Milligrams Per Liter
NGVD= National Geodetic Vertical Datum


Southeast County Landfill - Monitoing Well TH-71A
Total Dissolved Solids
Total Dissolved Solids (mg/l)
1600
1400
1200
1000
800
600
400
200
0
450
380
400
400
530
510
530
590
800
760
610
660
850
880
1500
840
810
1100
920
1100
1300
1100
1400
Feb-12
Aug-12
Feb-13
Aug-13
Feb-14
Aug-14
Feb-15
Aug-15
Feb-16
Aug-16
Feb-17
Aug-17
Feb-18
Aug-18
Feb-19
Aug-19
Feb-20
Aug-20
Feb-21
Aug-21
Date


Southeast County Landfill - Monitoring Well TH-71A
Chloride
Chloride (mg/l)
500
450
400
350
300
250
200
150
100
50
0
48
48
53
90
100
110
140
170
170
130
130
210
270
300
280
260
180
260
310
440
450
380
330
Feb-12
Aug-12
Feb-13
Aug-13
Feb-14
Aug-14
Feb-15
Aug-15
Feb-16
Aug-16
Feb-17
Aug-17
Feb-18
Aug-18
Feb-19
Aug-19
Feb-20
Aug-20
Feb-21
Aug-21
Date


Southeast County Landfill - Monitoring Well TH-71A
Ammonia
Ammonia (mg/l)
3.5
3
2.5
2
1.5
1
0.5
0
1.5
1.6
1.6
1.4
2.3
1.6
1.2
1.3
2.2
1.8
1.8
2.1
2
1.8
1.9
1.8
1.7
1.7
1.7
2.1
3.1
2.1
1.7
Feb-12
Aug-12
Feb-13
Aug-13
Feb-14
Aug-14
Feb-15
Aug-15
Feb-16
Aug-16
Feb-17
Aug-17
Feb-18
Aug-18
Feb-19
Aug-19
Feb-20
Aug-20
Feb-21
Aug-21
Date


Southeast County Landfill -Monitoring Well TH-71A
Sodium
Sodium (mg/l)
100
90
80
70
60
50
40
30
20
10
0
6.3
6.2
5.5
9.4
7.9
8.8
13
16
20
26
27
31
36
40
42
44
43
46
52
70
91
81
78
Feb-12
Aug-12
Feb-13
Aug-13
Feb-14
Aug-14
Feb-15
Aug-15
Feb-16
Aug-16
Feb-17
Aug-17
Feb-18
Aug-18
Feb-19
Aug-19
Feb-20
Aug-20
Feb-21
Aug-21
Date

Attachment B

August 2021 Laboratory

Data Report

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
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Phone: (813) 630-9616
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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

November 02, 2021

Michael Townsel
Hillsborough Co Public Utilites
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2115516 SELF Semi-Annual SW

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory between Monday August 23, 2021 and Wednesday September 1, 2021. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker

Heidi Parker, Project Manager
HParker@aellab.com

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516001	Trip Blank	WA	SW-846 8260B	08/23/2021 00:00	08/23/2021 15:22	44
T2115516001	Trip Blank	WA	SW-846 8260B (SIM)	08/23/2021 00:00	08/23/2021 15:22	3
T2115516002	Equipment Blank	WA	Calculation	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	DEP SOP 10/03/83	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	EPA 365.4	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	EPA 410.4	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 10200 H	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 2340C	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 2540 C	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 2540D	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 4500NO3-F	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 5210B	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 5310B	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SM 9222D	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SW-846 6010	08/23/2021 08:58	08/23/2021 15:22	3
T2115516002	Equipment Blank	WA	SW-846 6020	08/23/2021 08:58	08/23/2021 15:22	13
T2115516002	Equipment Blank	WA	SW-846 7470A	08/23/2021 08:58	08/23/2021 15:22	1
T2115516002	Equipment Blank	WA	SW-846 8260B	08/23/2021 08:58	08/23/2021 15:22	44
T2115516002	Equipment Blank	WA	SW-846 8260B (SIM)	08/23/2021 08:58	08/23/2021 15:22	3
T2115516003	Stream 3A	WA	Calculation	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	DEP SOP 10/03/83	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	EPA 365.4	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	EPA 410.4	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	Field Measurements	08/23/2021 09:13	08/23/2021 15:22	7
T2115516003	Stream 3A	WA	SM 10200 H	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 2340C	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 2540 C	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 2540D	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 4500NO3-F	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 5210B	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 5310B	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SM 9222D	08/23/2021 09:13	08/23/2021 15:22	1
T2115516003	Stream 3A	WA	SW-846 6010	08/23/2021 09:13	08/23/2021 15:22	3
T2115516003	Stream 3A	WA	SW-846 6020	08/23/2021 09:13	08/23/2021 15:22	13
T2115516003	Stream 3A	WA	SW-846 7470A	08/23/2021 09:13	08/23/2021 15:22	1

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516003	Stream 3A	WA	SW-846 8260B	08/23/2021 09:13	08/23/2021 15:22	44
T2115516003	Stream 3A	WA	SW-846 8260B (SIM)	08/23/2021 09:13	08/23/2021 15:22	3
T2115516004	Mine Cut	WA	Calculation	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	DEP SOP 10/03/83	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	EPA 365.4	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	EPA 410.4	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	Field Measurements	08/23/2021 10:20	08/23/2021 15:22	7
T2115516004	Mine Cut	WA	SM 10200 H	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 2340C	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 2540 C	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 2540D	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 4500NO3-F	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 5210B	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 5310B	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SM 9222D	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SW-846 6010	08/23/2021 10:20	08/23/2021 15:22	3
T2115516004	Mine Cut	WA	SW-846 6020	08/23/2021 10:20	08/23/2021 15:22	13
T2115516004	Mine Cut	WA	SW-846 7470A	08/23/2021 10:20	08/23/2021 15:22	1
T2115516004	Mine Cut	WA	SW-846 8260B	08/23/2021 10:20	08/23/2021 15:22	44
T2115516004	Mine Cut	WA	SW-846 8260B (SIM)	08/23/2021 10:20	08/23/2021 15:22	3
T2115516005	Stream 3C2	WA	Calculation	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	DEP SOP 10/03/83	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	EPA 365.4	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	EPA 410.4	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	Field Measurements	08/23/2021 11:31	08/23/2021 15:22	7
T2115516005	Stream 3C2	WA	SM 10200 H	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 2340C	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 2540 C	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 2540D	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 4500NO3-F	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 5210B	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 5310B	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SM 9222D	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SW-846 6010	08/23/2021 11:31	08/23/2021 15:22	3
T2115516005	Stream 3C2	WA	SW-846 6020	08/23/2021 11:31	08/23/2021 15:22	13

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516005	Stream 3C2	WA	SW-846 7470A	08/23/2021 11:31	08/23/2021 15:22	1
T2115516005	Stream 3C2	WA	SW-846 8260B	08/23/2021 11:31	08/23/2021 15:22	44
T2115516005	Stream 3C2	WA	SW-846 8260B (SIM)	08/23/2021 11:31	08/23/2021 15:22	3
T2115516006	3B2B	WA	Calculation	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	DEP SOP 10/03/83	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	EPA 365.4	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	EPA 410.4	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	Field Measurements	08/23/2021 12:01	08/23/2021 15:22	7
T2115516006	3B2B	WA	SM 10200 H	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 2340C	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 2540 C	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 2540D	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 4500NO3-F	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 5210B	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 5310B	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SM 9222D	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SW-846 6010	08/23/2021 12:01	08/23/2021 15:22	3
T2115516006	3B2B	WA	SW-846 6020	08/23/2021 12:01	08/23/2021 15:22	13
T2115516006	3B2B	WA	SW-846 7470A	08/23/2021 12:01	08/23/2021 15:22	1
T2115516006	3B2B	WA	SW-846 8260B	08/23/2021 12:01	08/23/2021 15:22	44
T2115516006	3B2B	WA	SW-846 8260B (SIM)	08/23/2021 12:01	08/23/2021 15:22	3
T2115516007	Duplicate	WA	Calculation	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	DEP SOP 10/03/83	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	EPA 365.4	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	EPA 410.4	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 10200 H	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 2340C	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 2540 C	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 2540D	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 4500NO3-F	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 5210B	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 5310B	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SM 9222D	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SW-846 6010	08/23/2021 00:00	08/23/2021 15:22	3
T2115516007	Duplicate	WA	SW-846 6020	08/23/2021 00:00	08/23/2021 15:22	13

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516007	Duplicate	WA	SW-846 7470A	08/23/2021 00:00	08/23/2021 15:22	1
T2115516007	Duplicate	WA	SW-846 8260B	08/23/2021 00:00	08/23/2021 15:22	44
T2115516007	Duplicate	WA	SW-846 8260B (SIM)	08/23/2021 00:00	08/23/2021 15:22	3
T2115516008	Trip Blank	WA	SW-846 8260B	08/23/2021 00:00	08/23/2021 15:22	44
T2115516008	Trip Blank	WA	SW-846 8260B (SIM)	08/23/2021 00:00	08/23/2021 15:22	3
T2115516009	Field Blank	WA	EPA 350.1	08/23/2021 13:45	08/23/2021 15:22	1
T2115516009	Field Blank	WA	SM 2540 C	08/23/2021 13:45	08/23/2021 15:22	1
T2115516009	Field Blank	WA	SM 4500-Cl-E	08/23/2021 13:45	08/23/2021 15:22	1
T2115516009	Field Blank	WA	SM 4500NO3-F	08/23/2021 13:45	08/23/2021 15:22	1
T2115516009	Field Blank	WA	SW-846 6010	08/23/2021 13:45	08/23/2021 15:22	4
T2115516009	Field Blank	WA	SW-846 6020	08/23/2021 13:45	08/23/2021 15:22	13
T2115516009	Field Blank	WA	SW-846 7470A	08/23/2021 13:45	08/23/2021 15:22	1
T2115516009	Field Blank	WA	SW-846 8260B	08/23/2021 13:45	08/23/2021 15:22	44
T2115516009	Field Blank	WA	SW-846 8260B (SIM)	08/23/2021 13:45	08/23/2021 15:22	3
T2115516010	TH-65	WA	EPA 350.1	08/23/2021 13:48	08/23/2021 15:22	1
T2115516010	TH-65	WA	Field Measurements	08/23/2021 13:48	08/23/2021 15:22	6
T2115516010	TH-65	WA	SM 2540 C	08/23/2021 13:48	08/23/2021 15:22	1
T2115516010	TH-65	WA	SM 4500-Cl-E	08/23/2021 13:48	08/23/2021 15:22	1
T2115516010	TH-65	WA	SM 4500NO3-F	08/23/2021 13:48	08/23/2021 15:22	1
T2115516010	TH-65	WA	SW-846 6010	08/23/2021 13:48	08/23/2021 15:22	4
T2115516010	TH-65	WA	SW-846 6020	08/23/2021 13:48	08/23/2021 15:22	13
T2115516010	TH-65	WA	SW-846 7470A	08/23/2021 13:48	08/23/2021 15:22	1
T2115516010	TH-65	WA	SW-846 8260B	08/23/2021 13:48	08/23/2021 15:22	44
T2115516010	TH-65	WA	SW-846 8260B (SIM)	08/23/2021 13:48	08/23/2021 15:22	3
T2115516011	TH-66A	WA	EPA 350.1	08/23/2021 14:20	08/23/2021 15:22	1
T2115516011	TH-66A	WA	Field Measurements	08/23/2021 14:20	08/23/2021 15:22	6
T2115516011	TH-66A	WA	SM 2540 C	08/23/2021 14:20	08/23/2021 15:22	1
T2115516011	TH-66A	WA	SM 4500-Cl-E	08/23/2021 14:20	08/23/2021 15:22	1
T2115516011	TH-66A	WA	SM 4500NO3-F	08/23/2021 14:20	08/23/2021 15:22	1
T2115516011	TH-66A	WA	SW-846 6010	08/23/2021 14:20	08/23/2021 15:22	4
T2115516011	TH-66A	WA	SW-846 6020	08/23/2021 14:20	08/23/2021 15:22	13
T2115516011	TH-66A	WA	SW-846 7470A	08/23/2021 14:20	08/23/2021 15:22	1
T2115516011	TH-66A	WA	SW-846 8260B	08/23/2021 14:20	08/23/2021 15:22	44
T2115516011	TH-66A	WA	SW-846 8260B (SIM)	08/23/2021 14:20	08/23/2021 15:22	3
T2115516012	Trip Blank	WA	SW-846 8260B	08/24/2021 00:00	08/24/2021 15:10	44

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516012	Trip Blank	WA	SW-846 8260B (SIM)	08/24/2021 00:00	08/24/2021 15:10	3
T2115516013	TH-22A	WA	EPA 350.1	08/24/2021 10:00	08/24/2021 15:10	1
T2115516013	TH-22A	WA	Field Measurements	08/24/2021 10:00	08/24/2021 15:10	6
T2115516013	TH-22A	WA	SM 2540 C	08/24/2021 10:00	08/24/2021 15:10	1
T2115516013	TH-22A	WA	SM 4500-Cl-E	08/24/2021 10:00	08/24/2021 15:10	1
T2115516013	TH-22A	WA	SM 4500NO3-F	08/24/2021 10:00	08/24/2021 15:10	1
T2115516013	TH-22A	WA	SW-846 6010	08/24/2021 10:00	08/24/2021 15:10	4
T2115516013	TH-22A	WA	SW-846 6020	08/24/2021 10:00	08/24/2021 15:10	13
T2115516013	TH-22A	WA	SW-846 7470A	08/24/2021 10:00	08/24/2021 15:10	1
T2115516013	TH-22A	WA	SW-846 8260B	08/24/2021 10:00	08/24/2021 15:10	44
T2115516013	TH-22A	WA	SW-846 8260B (SIM)	08/24/2021 10:00	08/24/2021 15:10	3
T2115516014	TH-19	WA	EPA 350.1	08/24/2021 12:19	08/24/2021 15:10	1
T2115516014	TH-19	WA	Field Measurements	08/24/2021 12:19	08/24/2021 15:10	6
T2115516014	TH-19	WA	SM 2540 C	08/24/2021 12:19	08/24/2021 15:10	1
T2115516014	TH-19	WA	SM 4500-Cl-E	08/24/2021 12:19	08/24/2021 15:10	1
T2115516014	TH-19	WA	SM 4500NO3-F	08/24/2021 12:19	08/24/2021 15:10	1
T2115516014	TH-19	WA	SW-846 6010	08/24/2021 12:19	08/24/2021 15:10	4
T2115516014	TH-19	WA	SW-846 6020	08/24/2021 12:19	08/24/2021 15:10	13
T2115516014	TH-19	WA	SW-846 7470A	08/24/2021 12:19	08/24/2021 15:10	1
T2115516014	TH-19	WA	SW-846 8260B	08/24/2021 12:19	08/24/2021 15:10	44
T2115516014	TH-19	WA	SW-846 8260B (SIM)	08/24/2021 12:19	08/24/2021 15:10	3
T2115516015	TH-36A	WA	EPA 350.1	08/24/2021 12:49	08/24/2021 15:10	1
T2115516015	TH-36A	WA	Field Measurements	08/24/2021 12:49	08/24/2021 15:10	6
T2115516015	TH-36A	WA	SM 2540 C	08/24/2021 12:49	08/24/2021 15:10	1
T2115516015	TH-36A	WA	SM 4500-Cl-E	08/24/2021 12:49	08/24/2021 15:10	1
T2115516015	TH-36A	WA	SM 4500NO3-F	08/24/2021 12:49	08/24/2021 15:10	1
T2115516015	TH-36A	WA	SW-846 6010	08/24/2021 12:49	08/24/2021 15:10	4
T2115516015	TH-36A	WA	SW-846 6020	08/24/2021 12:49	08/24/2021 15:10	13
T2115516015	TH-36A	WA	SW-846 7470A	08/24/2021 12:49	08/24/2021 15:10	1
T2115516015	TH-36A	WA	SW-846 8260B	08/24/2021 12:49	08/24/2021 15:10	44
T2115516015	TH-36A	WA	SW-846 8260B (SIM)	08/24/2021 12:49	08/24/2021 15:10	3
T2115516016	Trip Blank	WA	SW-846 8260B	08/25/2021 00:00	08/25/2021 15:03	44
T2115516016	Trip Blank	WA	SW-846 8260B (SIM)	08/25/2021 00:00	08/25/2021 15:03	3
T2115516017	TH-58	WA	EPA 350.1	08/25/2021 09:05	08/25/2021 15:03	1
T2115516017	TH-58	WA	Field Measurements	08/25/2021 09:05	08/25/2021 15:03	6

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516017	TH-58	WA	SM 2540 C	08/25/2021 09:05	08/25/2021 15:03	1
T2115516017	TH-58	WA	SM 4500-Cl-E	08/25/2021 09:05	08/25/2021 15:03	1
T2115516017	TH-58	WA	SM 4500NO3-F	08/25/2021 09:05	08/25/2021 15:03	1
T2115516017	TH-58	WA	SW-846 6010	08/25/2021 09:05	08/25/2021 15:03	4
T2115516017	TH-58	WA	SW-846 6020	08/25/2021 09:05	08/25/2021 15:03	13
T2115516017	TH-58	WA	SW-846 7470A	08/25/2021 09:05	08/25/2021 15:03	1
T2115516017	TH-58	WA	SW-846 8260B	08/25/2021 09:05	08/25/2021 15:03	44
T2115516017	TH-58	WA	SW-846 8260B (SIM)	08/25/2021 09:05	08/25/2021 15:03	3
T2115516018	TH-72	WA	EPA 350.1	08/25/2021 11:50	08/25/2021 15:03	1
T2115516018	TH-72	WA	Field Measurements	08/25/2021 11:50	08/25/2021 15:03	6
T2115516018	TH-72	WA	SM 2540 C	08/25/2021 11:50	08/25/2021 15:03	1
T2115516018	TH-72	WA	SM 4500-Cl-E	08/25/2021 11:50	08/25/2021 15:03	1
T2115516018	TH-72	WA	SM 4500NO3-F	08/25/2021 11:50	08/25/2021 15:03	1
T2115516018	TH-72	WA	SW-846 6010	08/25/2021 11:50	08/25/2021 15:03	4
T2115516018	TH-72	WA	SW-846 6020	08/25/2021 11:50	08/25/2021 15:03	13
T2115516018	TH-72	WA	SW-846 7470A	08/25/2021 11:50	08/25/2021 15:03	1
T2115516018	TH-72	WA	SW-846 8260B	08/25/2021 11:50	08/25/2021 15:03	44
T2115516018	TH-72	WA	SW-846 8260B (SIM)	08/25/2021 11:50	08/25/2021 15:03	3
T2115516019	TH-28A	WA	EPA 350.1	08/25/2021 12:27	08/25/2021 15:03	1
T2115516019	TH-28A	WA	Field Measurements	08/25/2021 12:27	08/25/2021 15:03	6
T2115516019	TH-28A	WA	SM 2540 C	08/25/2021 12:27	08/25/2021 15:03	1
T2115516019	TH-28A	WA	SM 4500-Cl-E	08/25/2021 12:27	08/25/2021 15:03	1
T2115516019	TH-28A	WA	SM 4500NO3-F	08/25/2021 12:27	08/25/2021 15:03	1
T2115516019	TH-28A	WA	SW-846 6010	08/25/2021 12:27	08/25/2021 15:03	4
T2115516019	TH-28A	WA	SW-846 6020	08/25/2021 12:27	08/25/2021 15:03	13
T2115516019	TH-28A	WA	SW-846 7470A	08/25/2021 12:27	08/25/2021 15:03	1
T2115516019	TH-28A	WA	SW-846 8260B	08/25/2021 12:27	08/25/2021 15:03	44
T2115516019	TH-28A	WA	SW-846 8260B (SIM)	08/25/2021 12:27	08/25/2021 15:03	3
T2115516020	TH-57	WA	EPA 350.1	08/25/2021 12:58	08/25/2021 15:03	1
T2115516020	TH-57	WA	Field Measurements	08/25/2021 12:58	08/25/2021 15:03	6
T2115516020	TH-57	WA	SM 2540 C	08/25/2021 12:58	08/25/2021 15:03	1
T2115516020	TH-57	WA	SM 4500-Cl-E	08/25/2021 12:58	08/25/2021 15:03	1
T2115516020	TH-57	WA	SM 4500NO3-F	08/25/2021 12:58	08/25/2021 15:03	1
T2115516020	TH-57	WA	SW-846 6010	08/25/2021 12:58	08/25/2021 15:03	4
T2115516020	TH-57	WA	SW-846 6020	08/25/2021 12:58	08/25/2021 15:03	13

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516020	TH-57	WA	SW-846 7470A	08/25/2021 12:58	08/25/2021 15:03	1
T2115516020	TH-57	WA	SW-846 8260B	08/25/2021 12:58	08/25/2021 15:03	44
T2115516020	TH-57	WA	SW-846 8260B (SIM)	08/25/2021 12:58	08/25/2021 15:03	3
T2115516021	TH-40	WA	EPA 350.1	08/25/2021 13:45	08/25/2021 15:03	1
T2115516021	TH-40	WA	Field Measurements	08/25/2021 13:45	08/25/2021 15:03	6
T2115516021	TH-40	WA	SM 2540 C	08/25/2021 13:45	08/25/2021 15:03	1
T2115516021	TH-40	WA	SM 4500-Cl-E	08/25/2021 13:45	08/25/2021 15:03	1
T2115516021	TH-40	WA	SM 4500NO3-F	08/25/2021 13:45	08/25/2021 15:03	1
T2115516021	TH-40	WA	SW-846 6010	08/25/2021 13:45	08/25/2021 15:03	4
T2115516021	TH-40	WA	SW-846 6020	08/25/2021 13:45	08/25/2021 15:03	13
T2115516021	TH-40	WA	SW-846 7470A	08/25/2021 13:45	08/25/2021 15:03	1
T2115516021	TH-40	WA	SW-846 8260B	08/25/2021 13:45	08/25/2021 15:03	44
T2115516021	TH-40	WA	SW-846 8260B (SIM)	08/25/2021 13:45	08/25/2021 15:03	3
T2115516022	Duplicate	WA	EPA 350.1	08/25/2021 00:00	08/25/2021 15:03	1
T2115516022	Duplicate	WA	SM 2540 C	08/25/2021 00:00	08/25/2021 15:03	1
T2115516022	Duplicate	WA	SM 4500-Cl-E	08/25/2021 00:00	08/25/2021 15:03	1
T2115516022	Duplicate	WA	SM 4500NO3-F	08/25/2021 00:00	08/25/2021 15:03	1
T2115516022	Duplicate	WA	SW-846 6010	08/25/2021 00:00	08/25/2021 15:03	4
T2115516022	Duplicate	WA	SW-846 6020	08/25/2021 00:00	08/25/2021 15:03	13
T2115516022	Duplicate	WA	SW-846 7470A	08/25/2021 00:00	08/25/2021 15:03	1
T2115516022	Duplicate	WA	SW-846 8260B	08/25/2021 00:00	08/25/2021 15:03	44
T2115516022	Duplicate	WA	SW-846 8260B (SIM)	08/25/2021 00:00	08/25/2021 15:03	3
T2115516023	Trip Blank	WA	SW-846 8260B	08/26/2021 00:00	08/26/2021 15:20	44
T2115516023	Trip Blank	WA	SW-846 8260B (SIM)	08/26/2021 00:00	08/26/2021 15:20	3
T2115516024	TH-78	WA	EPA 350.1	08/26/2021 12:52	08/26/2021 15:20	1
T2115516024	TH-78	WA	Field Measurements	08/26/2021 12:52	08/26/2021 15:20	6
T2115516024	TH-78	WA	SM 2540 C	08/26/2021 12:52	08/26/2021 15:20	1
T2115516024	TH-78	WA	SM 4500-Cl-E	08/26/2021 12:52	08/26/2021 15:20	1
T2115516024	TH-78	WA	SM 4500NO3-F	08/26/2021 12:52	08/26/2021 15:20	1
T2115516024	TH-78	WA	SW-846 6010	08/26/2021 12:52	08/26/2021 15:20	4
T2115516024	TH-78	WA	SW-846 6020	08/26/2021 12:52	08/26/2021 15:20	13
T2115516024	TH-78	WA	SW-846 7470A	08/26/2021 12:52	08/26/2021 15:20	1
T2115516024	TH-78	WA	SW-846 8260B	08/26/2021 12:52	08/26/2021 15:20	44
T2115516024	TH-78	WA	SW-846 8260B (SIM)	08/26/2021 12:52	08/26/2021 15:20	3
T2115516025	TH-20B	WA	EPA 350.1	08/26/2021 13:51	08/26/2021 15:20	1

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516025	TH-20B	WA	Field Measurements	08/26/2021 13:51	08/26/2021 15:20	6
T2115516025	TH-20B	WA	SM 2540 C	08/26/2021 13:51	08/26/2021 15:20	1
T2115516025	TH-20B	WA	SM 4500-Cl-E	08/26/2021 13:51	08/26/2021 15:20	1
T2115516025	TH-20B	WA	SM 4500NO3-F	08/26/2021 13:51	08/26/2021 15:20	1
T2115516025	TH-20B	WA	SW-846 6010	08/26/2021 13:51	08/26/2021 15:20	4
T2115516025	TH-20B	WA	SW-846 6020	08/26/2021 13:51	08/26/2021 15:20	13
T2115516025	TH-20B	WA	SW-846 7470A	08/26/2021 13:51	08/26/2021 15:20	1
T2115516025	TH-20B	WA	SW-846 8260B	08/26/2021 13:51	08/26/2021 15:20	44
T2115516025	TH-20B	WA	SW-846 8260B (SIM)	08/26/2021 13:51	08/26/2021 15:20	3
T2115516026	Trip Blank	WA	SW-846 8260B	08/27/2021 00:00	08/27/2021 17:05	44
T2115516026	Trip Blank	WA	SW-846 8260B (SIM)	08/27/2021 00:00	08/27/2021 17:05	3
T2115516027	TH-70A	WA	EPA 350.1	08/27/2021 09:41	08/27/2021 17:05	1
T2115516027	TH-70A	WA	Field Measurements	08/27/2021 09:41	08/27/2021 17:05	6
T2115516027	TH-70A	WA	SM 2540 C	08/27/2021 09:41	08/27/2021 17:05	1
T2115516027	TH-70A	WA	SM 4500-Cl-E	08/27/2021 09:41	08/27/2021 17:05	1
T2115516027	TH-70A	WA	SM 4500NO3-F	08/27/2021 09:41	08/27/2021 17:05	1
T2115516027	TH-70A	WA	SW-846 6010	08/27/2021 09:41	08/27/2021 17:05	4
T2115516027	TH-70A	WA	SW-846 6020	08/27/2021 09:41	08/27/2021 17:05	13
T2115516027	TH-70A	WA	SW-846 7470A	08/27/2021 09:41	08/27/2021 17:05	1
T2115516027	TH-70A	WA	SW-846 8260B	08/27/2021 09:41	08/27/2021 17:05	44
T2115516027	TH-70A	WA	SW-846 8260B (SIM)	08/27/2021 09:41	08/27/2021 17:05	3
T2115516028	TH-69A	WA	EPA 350.1	08/27/2021 10:10	08/27/2021 17:05	1
T2115516028	TH-69A	WA	Field Measurements	08/27/2021 10:10	08/27/2021 17:05	6
T2115516028	TH-69A	WA	SM 2540 C	08/27/2021 10:10	08/27/2021 17:05	1
T2115516028	TH-69A	WA	SM 4500-Cl-E	08/27/2021 10:10	08/27/2021 17:05	1
T2115516028	TH-69A	WA	SM 4500NO3-F	08/27/2021 10:10	08/27/2021 17:05	1
T2115516028	TH-69A	WA	SW-846 6010	08/27/2021 10:10	08/27/2021 17:05	4
T2115516028	TH-69A	WA	SW-846 6020	08/27/2021 10:10	08/27/2021 17:05	13
T2115516028	TH-69A	WA	SW-846 7470A	08/27/2021 10:10	08/27/2021 17:05	1
T2115516028	TH-69A	WA	SW-846 8260B	08/27/2021 10:10	08/27/2021 17:05	44
T2115516028	TH-69A	WA	SW-846 8260B (SIM)	08/27/2021 10:10	08/27/2021 17:05	3
T2115516029	TH-71A	WA	EPA 350.1	08/27/2021 11:28	08/27/2021 17:05	1
T2115516029	TH-71A	WA	Field Measurements	08/27/2021 11:28	08/27/2021 17:05	6
T2115516029	TH-71A	WA	SM 2540 C	08/27/2021 11:28	08/27/2021 17:05	1
T2115516029	TH-71A	WA	SM 4500-Cl-E	08/27/2021 11:28	08/27/2021 17:05	1

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516029	TH-71A	WA	SM 4500NO3-F	08/27/2021 11:28	08/27/2021 17:05	1
T2115516029	TH-71A	WA	SW-846 6010	08/27/2021 11:28	08/27/2021 17:05	4
T2115516029	TH-71A	WA	SW-846 6020	08/27/2021 11:28	08/27/2021 17:05	13
T2115516029	TH-71A	WA	SW-846 7470A	08/27/2021 11:28	08/27/2021 17:05	1
T2115516029	TH-71A	WA	SW-846 8260B	08/27/2021 11:28	08/27/2021 17:05	44
T2115516029	TH-71A	WA	SW-846 8260B (SIM)	08/27/2021 11:28	08/27/2021 17:05	3
T2115516030	TH-68	WA	EPA 350.1	08/27/2021 12:06	08/27/2021 17:05	1
T2115516030	TH-68	WA	Field Measurements	08/27/2021 12:06	08/27/2021 17:05	6
T2115516030	TH-68	WA	SM 2540 C	08/27/2021 12:06	08/27/2021 17:05	1
T2115516030	TH-68	WA	SM 4500-Cl-E	08/27/2021 12:06	08/27/2021 17:05	1
T2115516030	TH-68	WA	SM 4500NO3-F	08/27/2021 12:06	08/27/2021 17:05	1
T2115516030	TH-68	WA	SW-846 6010	08/27/2021 12:06	08/27/2021 17:05	4
T2115516030	TH-68	WA	SW-846 6020	08/27/2021 12:06	08/27/2021 17:05	13
T2115516030	TH-68	WA	SW-846 7470A	08/27/2021 12:06	08/27/2021 17:05	1
T2115516030	TH-68	WA	SW-846 8260B	08/27/2021 12:06	08/27/2021 17:05	44
T2115516030	TH-68	WA	SW-846 8260B (SIM)	08/27/2021 12:06	08/27/2021 17:05	3
T2115516031	TH-64	WA	EPA 350.1	08/27/2021 12:45	08/27/2021 17:05	1
T2115516031	TH-64	WA	Field Measurements	08/27/2021 12:45	08/27/2021 17:05	6
T2115516031	TH-64	WA	SM 2540 C	08/27/2021 12:45	08/27/2021 17:05	1
T2115516031	TH-64	WA	SM 4500-Cl-E	08/27/2021 12:45	08/27/2021 17:05	1
T2115516031	TH-64	WA	SM 4500NO3-F	08/27/2021 12:45	08/27/2021 17:05	1
T2115516031	TH-64	WA	SW-846 6010	08/27/2021 12:45	08/27/2021 17:05	4
T2115516031	TH-64	WA	SW-846 6020	08/27/2021 12:45	08/27/2021 17:05	13
T2115516031	TH-64	WA	SW-846 7470A	08/27/2021 12:45	08/27/2021 17:05	1
T2115516031	TH-64	WA	SW-846 8260B	08/27/2021 12:45	08/27/2021 17:05	44
T2115516031	TH-64	WA	SW-846 8260B (SIM)	08/27/2021 12:45	08/27/2021 17:05	3
T2115516032	TH-61	WA	EPA 350.1	08/27/2021 13:15	08/27/2021 17:05	1
T2115516032	TH-61	WA	Field Measurements	08/27/2021 13:15	08/27/2021 17:05	6
T2115516032	TH-61	WA	SM 2540 C	08/27/2021 13:15	08/27/2021 17:05	1
T2115516032	TH-61	WA	SM 4500-Cl-E	08/27/2021 13:15	08/27/2021 17:05	1
T2115516032	TH-61	WA	SM 4500NO3-F	08/27/2021 13:15	08/27/2021 17:05	1
T2115516032	TH-61	WA	SW-846 6010	08/27/2021 13:15	08/27/2021 17:05	4
T2115516032	TH-61	WA	SW-846 6020	08/27/2021 13:15	08/27/2021 17:05	13
T2115516032	TH-61	WA	SW-846 7470A	08/27/2021 13:15	08/27/2021 17:05	1
T2115516032	TH-61	WA	SW-846 8260B	08/27/2021 13:15	08/27/2021 17:05	44

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516032	TH-61	WA	SW-846 8260B (SIM)	08/27/2021 13:15	08/27/2021 17:05	3
T2115516033	TH-61A	WA	EPA 350.1	08/27/2021 14:35	08/27/2021 17:05	1
T2115516033	TH-61A	WA	Field Measurements	08/27/2021 14:35	08/27/2021 17:05	6
T2115516033	TH-61A	WA	SM 2540 C	08/27/2021 14:35	08/27/2021 17:05	1
T2115516033	TH-61A	WA	SM 4500-Cl-E	08/27/2021 14:35	08/27/2021 17:05	1
T2115516033	TH-61A	WA	SM 4500NO3-F	08/27/2021 14:35	08/27/2021 17:05	1
T2115516033	TH-61A	WA	SW-846 6010	08/27/2021 14:35	08/27/2021 17:05	4
T2115516033	TH-61A	WA	SW-846 6020	08/27/2021 14:35	08/27/2021 17:05	13
T2115516033	TH-61A	WA	SW-846 7470A	08/27/2021 14:35	08/27/2021 17:05	1
T2115516033	TH-61A	WA	SW-846 8260B	08/27/2021 14:35	08/27/2021 17:05	44
T2115516033	TH-61A	WA	SW-846 8260B (SIM)	08/27/2021 14:35	08/27/2021 17:05	3
T2115516034	TH-83	WA	EPA 350.1	08/27/2021 15:24	08/27/2021 17:05	1
T2115516034	TH-83	WA	Field Measurements	08/27/2021 15:24	08/27/2021 17:05	6
T2115516034	TH-83	WA	SM 2540 C	08/27/2021 15:24	08/27/2021 17:05	1
T2115516034	TH-83	WA	SM 4500-Cl-E	08/27/2021 15:24	08/27/2021 17:05	1
T2115516034	TH-83	WA	SM 4500NO3-F	08/27/2021 15:24	08/27/2021 17:05	1
T2115516034	TH-83	WA	SW-846 6010	08/27/2021 15:24	08/27/2021 17:05	4
T2115516034	TH-83	WA	SW-846 6020	08/27/2021 15:24	08/27/2021 17:05	13
T2115516034	TH-83	WA	SW-846 7470A	08/27/2021 15:24	08/27/2021 17:05	1
T2115516034	TH-83	WA	SW-846 8260B	08/27/2021 15:24	08/27/2021 17:05	44
T2115516034	TH-83	WA	SW-846 8260B (SIM)	08/27/2021 15:24	08/27/2021 17:05	3
T2115516035	Field Blank	WA	EPA 350.1	08/27/2021 13:07	08/27/2021 17:05	1
T2115516035	Field Blank	WA	SM 2540 C	08/27/2021 13:07	08/27/2021 17:05	1
T2115516035	Field Blank	WA	SM 4500-Cl-E	08/27/2021 13:07	08/27/2021 17:05	1
T2115516035	Field Blank	WA	SM 4500NO3-F	08/27/2021 13:07	08/27/2021 17:05	1
T2115516035	Field Blank	WA	SW-846 6010	08/27/2021 13:07	08/27/2021 17:05	4
T2115516035	Field Blank	WA	SW-846 6020	08/27/2021 13:07	08/27/2021 17:05	13
T2115516035	Field Blank	WA	SW-846 7470A	08/27/2021 13:07	08/27/2021 17:05	1
T2115516035	Field Blank	WA	SW-846 8260B	08/27/2021 13:07	08/27/2021 17:05	44
T2115516035	Field Blank	WA	SW-846 8260B (SIM)	08/27/2021 13:07	08/27/2021 17:05	3
T2115516036	Duplicate	WA	EPA 350.1	08/27/2021 00:00	08/27/2021 17:05	1
T2115516036	Duplicate	WA	SM 2540 C	08/27/2021 00:00	08/27/2021 17:05	1
T2115516036	Duplicate	WA	SM 4500-Cl-E	08/27/2021 00:00	08/27/2021 17:05	1
T2115516036	Duplicate	WA	SM 4500NO3-F	08/27/2021 00:00	08/27/2021 17:05	1
T2115516036	Duplicate	WA	SW-846 6010	08/27/2021 00:00	08/27/2021 17:05	4

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Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516036	Duplicate	WA	SW-846 6020	08/27/2021 00:00	08/27/2021 17:05	13
T2115516036	Duplicate	WA	SW-846 7470A	08/27/2021 00:00	08/27/2021 17:05	1
T2115516036	Duplicate	WA	SW-846 8260B	08/27/2021 00:00	08/27/2021 17:05	44
T2115516036	Duplicate	WA	SW-846 8260B (SIM)	08/27/2021 00:00	08/27/2021 17:05	3
T2115516037	TH-66	WA	EPA 350.1	08/31/2021 13:45	08/31/2021 15:21	1
T2115516037	TH-66	WA	Field Measurements	08/31/2021 13:45	08/31/2021 15:21	6
T2115516037	TH-66	WA	SM 2540 C	08/31/2021 13:45	08/31/2021 15:21	1
T2115516037	TH-66	WA	SM 4500-Cl-E	08/31/2021 13:45	08/31/2021 15:21	1
T2115516037	TH-66	WA	SM 4500NO3-F	08/31/2021 13:45	08/31/2021 15:21	1
T2115516037	TH-66	WA	SW-846 6010	08/31/2021 13:45	08/31/2021 15:21	4
T2115516037	TH-66	WA	SW-846 6020	08/31/2021 13:45	08/31/2021 15:21	13
T2115516037	TH-66	WA	SW-846 7470A	08/31/2021 13:45	08/31/2021 15:21	1
T2115516037	TH-66	WA	SW-846 8260B	08/31/2021 13:45	08/31/2021 15:21	44
T2115516037	TH-66	WA	SW-846 8260B (SIM)	08/31/2021 13:45	08/31/2021 15:21	3
T2115516038	TH-67	WA	EPA 350.1	09/01/2021 10:20	09/01/2021 15:25	1
T2115516038	TH-67	WA	Field Measurements	09/01/2021 10:20	09/01/2021 15:25	6
T2115516038	TH-67	WA	SM 2540 C	09/01/2021 10:20	09/01/2021 15:25	1
T2115516038	TH-67	WA	SM 4500-Cl-E	09/01/2021 10:20	09/01/2021 15:25	1
T2115516038	TH-67	WA	SM 4500NO3-F	09/01/2021 10:20	09/01/2021 15:25	1
T2115516038	TH-67	WA	SW-846 6010	09/01/2021 10:20	09/01/2021 15:25	4
T2115516038	TH-67	WA	SW-846 6020	09/01/2021 10:20	09/01/2021 15:25	13
T2115516038	TH-67	WA	SW-846 7470A	09/01/2021 10:20	09/01/2021 15:25	1
T2115516038	TH-67	WA	SW-846 8260B	09/01/2021 10:20	09/01/2021 15:25	44
T2115516038	TH-67	WA	SW-846 8260B (SIM)	09/01/2021 10:20	09/01/2021 15:25	3
T2115516039	TH-79	WA	EPA 350.1	09/01/2021 11:11	09/01/2021 15:25	1
T2115516039	TH-79	WA	Field Measurements	09/01/2021 11:11	09/01/2021 15:25	6
T2115516039	TH-79	WA	SM 2540 C	09/01/2021 11:11	09/01/2021 15:25	1
T2115516039	TH-79	WA	SM 4500-Cl-E	09/01/2021 11:11	09/01/2021 15:25	1
T2115516039	TH-79	WA	SM 4500NO3-F	09/01/2021 11:11	09/01/2021 15:25	1
T2115516039	TH-79	WA	SW-846 6010	09/01/2021 11:11	09/01/2021 15:25	4
T2115516039	TH-79	WA	SW-846 6020	09/01/2021 11:11	09/01/2021 15:25	13
T2115516039	TH-79	WA	SW-846 7470A	09/01/2021 11:11	09/01/2021 15:25	1
T2115516039	TH-79	WA	SW-846 8260B	09/01/2021 11:11	09/01/2021 15:25	44
T2115516039	TH-79	WA	SW-846 8260B (SIM)	09/01/2021 11:11	09/01/2021 15:25	3
T2115516040	Barnes	WA	EPA 350.1	09/01/2021 12:26	09/01/2021 15:25	1

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2115516040	Barnes	WA	Field Measurements	09/01/2021 12:26	09/01/2021 15:25	6
T2115516040	Barnes	WA	SM 2540 C	09/01/2021 12:26	09/01/2021 15:25	1
T2115516040	Barnes	WA	SM 4500-Cl-E	09/01/2021 12:26	09/01/2021 15:25	1
T2115516040	Barnes	WA	SM 4500NO3-F	09/01/2021 12:26	09/01/2021 15:25	1
T2115516040	Barnes	WA	SW-846 6010	09/01/2021 12:26	09/01/2021 15:25	4
T2115516040	Barnes	WA	SW-846 6020	09/01/2021 12:26	09/01/2021 15:25	13
T2115516040	Barnes	WA	SW-846 7470A	09/01/2021 12:26	09/01/2021 15:25	1
T2115516040	Barnes	WA	SW-846 8260B	09/01/2021 12:26	09/01/2021 15:25	44
T2115516040	Barnes	WA	SW-846 8260B (SIM)	09/01/2021 12:26	09/01/2021 15:25	3
T2115516041	Holland	WA	EPA 350.1	09/01/2021 11:53	09/01/2021 15:25	1
T2115516041	Holland	WA	Field Measurements	09/01/2021 11:53	09/01/2021 15:25	6
T2115516041	Holland	WA	SM 2540 C	09/01/2021 11:53	09/01/2021 15:25	1
T2115516041	Holland	WA	SM 4500-Cl-E	09/01/2021 11:53	09/01/2021 15:25	1
T2115516041	Holland	WA	SM 4500NO3-F	09/01/2021 11:53	09/01/2021 15:25	1
T2115516041	Holland	WA	SW-846 6010	09/01/2021 11:53	09/01/2021 15:25	4
T2115516041	Holland	WA	SW-846 6020	09/01/2021 11:53	09/01/2021 15:25	13
T2115516041	Holland	WA	SW-846 7470A	09/01/2021 11:53	09/01/2021 15:25	1
T2115516041	Holland	WA	SW-846 8260B	09/01/2021 11:53	09/01/2021 15:25	44
T2115516041	Holland	WA	SW-846 8260B (SIM)	09/01/2021 11:53	09/01/2021 15:25	3
T2115516042	Keene	WA	EPA 350.1	09/01/2021 12:55	09/01/2021 15:25	1
T2115516042	Keene	WA	Field Measurements	09/01/2021 12:55	09/01/2021 15:25	6
T2115516042	Keene	WA	SM 2540 C	09/01/2021 12:55	09/01/2021 15:25	1
T2115516042	Keene	WA	SM 4500-Cl-E	09/01/2021 12:55	09/01/2021 15:25	1
T2115516042	Keene	WA	SM 4500NO3-F	09/01/2021 12:55	09/01/2021 15:25	1
T2115516042	Keene	WA	SW-846 6010	09/01/2021 12:55	09/01/2021 15:25	4
T2115516042	Keene	WA	SW-846 6020	09/01/2021 12:55	09/01/2021 15:25	13
T2115516042	Keene	WA	SW-846 7470A	09/01/2021 12:55	09/01/2021 15:25	1
T2115516042	Keene	WA	SW-846 8260B	09/01/2021 12:55	09/01/2021 15:25	44
T2115516042	Keene	WA	SW-846 8260B (SIM)	09/01/2021 12:55	09/01/2021 15:25	3
T2115516043	Trip Blank	WA	SW-846 8260B	09/01/2021 00:00	09/01/2021 15:25	44
T2115516043	Trip Blank	WA	SW-846 8260B (SIM)	09/01/2021 00:00	09/01/2021 15:25	3

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Workorder Summary

Batch Comments

WCAg/3630 - Chlorophyll A,SM10200H,Water

filters extracted on 8/30/2021 at 8:30

Analysis Results Comments

T2115516002 (Equipment Blank) - Corrected Chlorophyll A

samples T2115516002-7 filtered on 8/24/2021 at 16:00

T2115516006 (3B2B) - Total Phosphorus (as P)

J4|Estimated Result

T2115516031 (TH-64) - Nitrate (as N)

J4|Estimated Result

T2115516040 (Barnes) - Nitrate (as N)

J4|Estimated Result

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J4	Estimated Result

Lab Qualifiers

G	DOH Certification #E82001 (FL NELAC) AEL-Gainesville
J	DOH Certification #E82574 (FL NELAC) AEL-Jacksonville
T	DOH Certification #E84589 (FL NELAC) AEL-Tampa
T^	Not Certified

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516001 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/28/2021 19:37	08/29/2021 04:43	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/28/2021 19:37	08/29/2021 04:43	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/28/2021 19:37	08/29/2021 04:43	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/28/2021 19:37	08/29/2021 04:43	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 04:43	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/28/2021 19:37	08/29/2021 04:43	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 04:43	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 04:43	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 04:43	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 04:43	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 04:43	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/28/2021 19:37	08/29/2021 04:43	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 04:43	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 04:43	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 04:43	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 04:43	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/28/2021 19:37	08/29/2021 04:43	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/28/2021 19:37	08/29/2021 04:43	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/28/2021 19:37	08/29/2021 04:43	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 04:43	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 04:43	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 04:43	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 04:43	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 04:43	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 04:43	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516001 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 04:43	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 04:43	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 04:43	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 04:43	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 04:43	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 04:43	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 04:43	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/28/2021 19:37	08/29/2021 04:43	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 04:43	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/28/2021 19:37	08/29/2021 04:43	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/28/2021 19:37	08/29/2021 04:43	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/28/2021 19:37	08/29/2021 04:43	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 04:43	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 04:43	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 04:43	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 04:43	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/28/2021 19:37	08/29/2021 04:43	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 04:43	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 04:43	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 04:43	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 04:43	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/28/2021 19:37	08/29/2021 04:43	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	T
Toluene-d8 (S)	ug/L	50	49	98	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	49	97	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	97	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516002 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Equipment Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:09	T
Iron	0.0067U	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:09	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:09	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:25	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 14:26	J
Barium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:09	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:30	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:30	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:30	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 03:30	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:09	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 03:30	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 14:26	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:30	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:09	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 14:26	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 07:56	T
Microbiology (SM 9222D)								
Coliform Fecal	1U	#/100	1	1	1	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/28/2021 19:37	08/29/2021 05:09	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/28/2021 19:37	08/29/2021 05:09	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/28/2021 19:37	08/29/2021 05:09	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/28/2021 19:37	08/29/2021 05:09	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516002 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Equipment Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:09	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/28/2021 19:37	08/29/2021 05:09	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:09	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 05:09	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:09	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 05:09	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:09	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/28/2021 19:37	08/29/2021 05:09	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:09	T
2-Butanone (MEK)	**6.2**	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 05:09	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:09	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:09	T
Acetone	**8.7**	ug/L	2.0	0.90	1	08/28/2021 19:37	08/29/2021 05:09	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/28/2021 19:37	08/29/2021 05:09	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/28/2021 19:37	08/29/2021 05:09	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 05:09	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:09	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:09	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 05:09	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:09	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:09	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 05:09	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:09	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 05:09	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:09	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:09	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:09	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516002 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Equipment Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 05:09	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/28/2021 19:37	08/29/2021 05:09	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 05:09	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/28/2021 19:37	08/29/2021 05:09	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/28/2021 19:37	08/29/2021 05:09	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/28/2021 19:37	08/29/2021 05:09	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 05:09	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:09	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 05:09	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 05:09	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/28/2021 19:37	08/29/2021 05:09	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:09	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:09	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:09	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:09	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/28/2021 19:37	08/29/2021 05:09	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	0.12U	mg/L	0.2	0.12	1	10/14/2021 16:24	10/14/2021 16:24	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	0.15U	mg/L	0.2	0.15	1	08/25/2021 11:30	09/02/2021 14:37	T
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	0.0001U	mg/L	0.02	0.0001	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	20U	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5U	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	4.0U	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516002 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Equipment Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10U	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	1.0U	mg/L	1	1.0	1	08/29/2021 15:00	08/29/2021 15:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/24/2021 13:19	08/24/2021 13:19	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	2.0U	mg/L	2	2.0	1	08/23/2021 17:15	08/23/2021 17:15	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	1.0U	mg/L	2	1.0	1	08/27/2021 15:50	08/27/2021 15:50	G

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516003 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**240.6**	umhos			1	08/23/2021 09:13	08/23/2021 09:13	
DO Saturation %	**3**	%			1	08/23/2021 09:13	08/23/2021 09:13	
Dissolved Oxygen	**0.24**	mg/L			1	08/23/2021 09:13	08/23/2021 09:13	
ORP-2580BW	**-119.8**	mV			1	08/23/2021 09:13	08/23/2021 09:13	
Temperature	**27.7**	°C			1	08/23/2021 09:13	08/23/2021 09:13	
Turbidity	**4.76**	NTU			1	08/23/2021 09:13	08/23/2021 09:13	
pH	**6.13**	SU			1	08/23/2021 09:13	08/23/2021 09:13	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:12	T
Iron	**0.37**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:12	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:12	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:31	J
Arsenic	**0.00033I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 14:45	J
Barium	**0.026**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:15	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:36	J
Chromium	**0.00077I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:36	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:36	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 03:36	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:15	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 03:36	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 14:45	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:36	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:15	J
Vanadium	**0.0011I**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 14:45	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 07:59	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516003 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Microbiology (SM 9222D)								
Coliform Fecal	**20**	#/100	10	10	10	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/28/2021 19:37	08/29/2021 05:35	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/28/2021 19:37	08/29/2021 05:35	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/28/2021 19:37	08/29/2021 05:35	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/28/2021 19:37	08/29/2021 05:35	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:35	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/28/2021 19:37	08/29/2021 05:35	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:35	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 05:35	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:35	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 05:35	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:35	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/28/2021 19:37	08/29/2021 05:35	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:35	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 05:35	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:35	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 05:35	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/28/2021 19:37	08/29/2021 05:35	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/28/2021 19:37	08/29/2021 05:35	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/28/2021 19:37	08/29/2021 05:35	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 05:35	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:35	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:35	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 05:35	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:35	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516003 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:35	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 05:35	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 05:35	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 05:35	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:35	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 05:35	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 05:35	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 05:35	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/28/2021 19:37	08/29/2021 05:35	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 05:35	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/28/2021 19:37	08/29/2021 05:35	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/28/2021 19:37	08/29/2021 05:35	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/28/2021 19:37	08/29/2021 05:35	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 05:35	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:35	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 05:35	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 05:35	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/28/2021 19:37	08/29/2021 05:35	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:35	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:35	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 05:35	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 05:35	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/28/2021 19:37	08/29/2021 05:35	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	**0.8**	mg/L	0.2	0.12	1	10/14/2021 16:32	10/14/2021 16:32	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	0.15U	mg/L	0.2	0.15	1	08/25/2021 11:30	09/02/2021 14:37	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516003 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	**0.0003I**	mg/L	0.02	0.0000	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	**28I**	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	**7.2**	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	**84**	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**20**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	**4.4**	mg/L	2	2.0	2	08/29/2021 15:00	08/29/2021 15:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.3**	mg/L	0.1	0.092	1	08/24/2021 13:20	08/24/2021 13:20	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	**5.4**	mg/L	2	2.0	1	08/23/2021 17:16	08/23/2021 17:16	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	**9.9**	mg/L	2	1.0	1	08/27/2021 16:02	08/27/2021 16:02	G

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	97	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516004 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Mine Cut **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**319.6**	umhos			1	08/23/2021 10:20	08/23/2021 10:20	
DO Saturation %	**5.3**	%			1	08/23/2021 10:20	08/23/2021 10:20	
Dissolved Oxygen	**0.4**	mg/L			1	08/23/2021 10:20	08/23/2021 10:20	
ORP-2580BW	**9.1**	mV			1	08/23/2021 10:20	08/23/2021 10:20	
Temperature	**29.1**	°C			1	08/23/2021 10:20	08/23/2021 10:20	
Turbidity	**3.52**	NTU			1	08/23/2021 10:20	08/23/2021 10:20	
pH	**6.22**	SU			1	08/23/2021 10:20	08/23/2021 10:20	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:15	T
Iron	**0.14**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:15	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:15	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:36	J
Arsenic	**0.00046I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 14:51	J
Barium	**0.0020**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:22	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:42	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:42	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:42	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 03:42	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:22	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 03:42	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 14:51	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:42	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:22	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 14:51	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:02	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516004 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Mine Cut **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Microbiology (SM 9222D)								
Coliform Fecal	**20**	#/100	10	10	10	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/28/2021 19:37	08/29/2021 06:01	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/28/2021 19:37	08/29/2021 06:01	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/28/2021 19:37	08/29/2021 06:01	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/28/2021 19:37	08/29/2021 06:01	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:01	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/28/2021 19:37	08/29/2021 06:01	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:01	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 06:01	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:01	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 06:01	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:01	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/28/2021 19:37	08/29/2021 06:01	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:01	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 06:01	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:01	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:01	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/28/2021 19:37	08/29/2021 06:01	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/28/2021 19:37	08/29/2021 06:01	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/28/2021 19:37	08/29/2021 06:01	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 06:01	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:01	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:01	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 06:01	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:01	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516004 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Mine Cut **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:01	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 06:01	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:01	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 06:01	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:01	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:01	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:01	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 06:01	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/28/2021 19:37	08/29/2021 06:01	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 06:01	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/28/2021 19:37	08/29/2021 06:01	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/28/2021 19:37	08/29/2021 06:01	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/28/2021 19:37	08/29/2021 06:01	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 06:01	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:01	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 06:01	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 06:01	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/28/2021 19:37	08/29/2021 06:01	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:01	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:01	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:01	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:01	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/28/2021 19:37	08/29/2021 06:01	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	**1**	mg/L	0.2	0.12	1	10/14/2021 16:36	10/14/2021 16:36	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	**3**	mg/L	0.2	0.15	1	08/25/2021 11:30	09/02/2021 14:37	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516004 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Mine Cut **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	0.00002U	mg/L	0.02	0.0000	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	**63**	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	**20**	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	**110**	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**300**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	**8.8**	mg/L	2	2.0	2	08/29/2021 15:00	08/29/2021 15:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/24/2021 13:21	08/24/2021 13:21	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	**4.6**	mg/L	2	2.0	1	08/23/2021 17:18	08/23/2021 17:18	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	**20**	mg/L	2	1.0	1	08/27/2021 16:15	08/27/2021 16:15	G

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	94	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	97	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	99	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516005 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3C2 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**324.2**	umhos			1	08/23/2021 11:31	08/23/2021 11:31	
DO Saturation %	**43.3**	%			1	08/23/2021 11:31	08/23/2021 11:31	
Dissolved Oxygen	**3.46**	mg/L			1	08/23/2021 11:31	08/23/2021 11:31	
ORP-2580BW	**23.1**	mV			1	08/23/2021 11:31	08/23/2021 11:31	
Temperature	**27.3**	°C			1	08/23/2021 11:31	08/23/2021 11:31	
Turbidity	**2.37**	NTU			1	08/23/2021 11:31	08/23/2021 11:31	
pH	**6.46**	SU			1	08/23/2021 11:31	08/23/2021 11:31	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:18	T
Iron	**0.44**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:18	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:18	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:42	J
Arsenic	**0.00038I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 14:57	J
Barium	**0.019**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:28	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:48	J
Chromium	**0.00084I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:48	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 03:48	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 03:48	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:28	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 03:48	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 14:57	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 03:48	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:28	J
Vanadium	**0.0013I**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 14:57	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:04	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516005 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3C2 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Microbiology (SM 9222D)								
Coliform Fecal	**80**	#/100	10	10	10	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/28/2021 19:37	08/29/2021 06:27	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/28/2021 19:37	08/29/2021 06:27	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/28/2021 19:37	08/29/2021 06:27	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/28/2021 19:37	08/29/2021 06:27	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:27	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/28/2021 19:37	08/29/2021 06:27	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:27	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 06:27	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:27	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 06:27	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:27	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/28/2021 19:37	08/29/2021 06:27	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:27	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 06:27	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:27	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/28/2021 19:37	08/29/2021 06:27	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/28/2021 19:37	08/29/2021 06:27	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/28/2021 19:37	08/29/2021 06:27	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/28/2021 19:37	08/29/2021 06:27	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/28/2021 19:37	08/29/2021 06:27	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:27	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:27	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 06:27	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:27	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516005 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3C2 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:27	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/28/2021 19:37	08/29/2021 06:27	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/28/2021 19:37	08/29/2021 06:27	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 06:27	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:27	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/28/2021 19:37	08/29/2021 06:27	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/28/2021 19:37	08/29/2021 06:27	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 06:27	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/28/2021 19:37	08/29/2021 06:27	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/28/2021 19:37	08/29/2021 06:27	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/28/2021 19:37	08/29/2021 06:27	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/28/2021 19:37	08/29/2021 06:27	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/28/2021 19:37	08/29/2021 06:27	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/28/2021 19:37	08/29/2021 06:27	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:27	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/28/2021 19:37	08/29/2021 06:27	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/28/2021 19:37	08/29/2021 06:27	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/28/2021 19:37	08/29/2021 06:27	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:27	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:27	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/28/2021 19:37	08/29/2021 06:27	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/28/2021 19:37	08/29/2021 06:27	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/28/2021 19:37	08/29/2021 06:27	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	**0.8**	mg/L	0.2	0.12	1	10/14/2021 16:38	10/14/2021 16:38	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	**0.3**	mg/L	0.2	0.15	1	08/25/2021 11:30	09/02/2021 14:37	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516005 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Stream 3C2 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	**0.0001I**	mg/L	0.02	0.0000	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	**28I**	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	2.5U	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	**100**	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**240**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	**2.4**	mg/L	2	2.0	2	08/29/2021 15:00	08/29/2021 15:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.4**	mg/L	0.1	0.092	1	08/24/2021 13:22	08/24/2021 13:22	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	2.0U	mg/L	2	2.0	1	08/23/2021 17:20	08/23/2021 17:20	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	**13**	mg/L	2	1.0	1	08/27/2021 17:09	08/27/2021 17:09	G

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	94	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	99	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516006 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: 3B2B **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**285.3**	umhos			1	08/23/2021 12:01	08/23/2021 12:01	
DO Saturation %	**38.7**	%			1	08/23/2021 12:01	08/23/2021 12:01	
Dissolved Oxygen	**3.16**	mg/L			1	08/23/2021 12:01	08/23/2021 12:01	
ORP-2580BW	**67.3**	mV			1	08/23/2021 12:01	08/23/2021 12:01	
Temperature	**25.8**	°C			1	08/23/2021 12:01	08/23/2021 12:01	
Turbidity	**1.55**	NTU			1	08/23/2021 12:01	08/23/2021 12:01	
pH	**6.25**	SU			1	08/23/2021 12:01	08/23/2021 12:01	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:21	T
Iron	**0.56**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:21	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:21	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:48	J
Arsenic	**0.00086I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:03	J
Barium	**0.0084**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:34	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:07	J
Chromium	**0.00084I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:07	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:07	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:07	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:34	J
Nickel	**0.0013I**	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:07	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:03	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:07	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:34	J
Vanadium	**0.0022I**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:03	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:07	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516006 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: 3B2B **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Microbiology (SM 9222D)								
Coliform Fecal	**30**	#/100	10	10	10	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 20:19	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 20:19	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 20:19	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 20:19	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:19	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 20:19	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:19	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 20:19	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:19	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 20:19	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:19	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 20:19	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:19	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 20:19	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:19	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:19	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 20:19	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 20:19	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 20:19	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 20:19	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:19	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:19	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 20:19	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:19	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516006 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: 3B2B **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:19	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 20:19	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:19	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 20:19	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:19	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:19	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:19	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 20:19	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 20:19	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 20:19	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 20:19	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 20:19	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 20:19	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 20:19	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:19	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 20:19	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 20:19	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 20:19	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:19	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:19	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:19	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:19	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 20:19	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	**1**	mg/L	0.2	0.12	1	10/14/2021 16:41	10/14/2021 16:41	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	**0.7**	mg/L	0.2	0.15	1	08/28/2021 09:00	09/02/2021 17:48	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516006 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: 3B2B **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	**0.00007I**	mg/L	0.02	0.0000	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	**41I**	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	**38**	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	**96**	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**230**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	**4.0**	mg/L	2	2.0	2	08/26/2021 14:00	08/26/2021 14:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.1**	mg/L	0.1	0.092	1	08/24/2021 13:22	08/24/2021 13:22	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	**2.6**	mg/L	2	2.0	1	08/23/2021 17:22	08/23/2021 17:22	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	**15**	mg/L	2	1.0	1	08/27/2021 17:51	08/27/2021 17:51	G

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	T
Bromofluorobenzene (S)	ug/L	50	51	101	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516007 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:24	T
Iron	**0.14**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:24	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:24	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:54	J
Arsenic	**0.00044I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:09	J
Barium	**0.0020I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:40	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:13	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:13	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:13	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:13	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:40	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:13	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:09	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:13	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:40	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:09	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:10	T
Microbiology (SM 9222D)								
Coliform Fecal	**20**	#/100	10	10	10	08/23/2021 16:44	08/23/2021 16:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 20:45	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 20:45	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 20:45	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 20:45	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516007 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:45	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 20:45	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:45	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 20:45	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:45	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 20:45	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:45	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 20:45	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:45	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 20:45	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:45	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 20:45	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 20:45	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 20:45	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 20:45	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 20:45	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:45	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:45	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 20:45	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:45	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:45	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 20:45	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 20:45	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 20:45	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:45	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 20:45	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 20:45	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516007 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 20:45	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 20:45	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 20:45	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 20:45	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 20:45	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 20:45	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 20:45	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:45	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 20:45	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 20:45	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 20:45	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:45	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:45	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 20:45	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 20:45	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 20:45	T
WET CHEMISTRY (Calculation)								
Total Nitrogen	**1**	mg/L	0.2	0.12	1	10/14/2021 16:46	10/14/2021 16:46	T
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)								
Total Phosphorus (as P)	**3**	mg/L	0.2	0.15	1	08/25/2021 11:30	09/02/2021 14:37	T
WET CHEMISTRY (DEP SOP 10/03/83)								
Unionized Ammonia	0.0001U	mg/L	0.02	0.0001	1	08/30/2021 12:09	08/30/2021 12:09	T
WET CHEMISTRY (EPA 410.4)								
Chemical Oxygen Demand	**56**	mg/L	50	20	1	08/30/2021 12:10	08/30/2021 12:10	T
WET CHEMISTRY (SM 10200 H)								
Corrected Chlorophyll A	**29**	mg/m3	3	2.5	1	08/30/2021 13:00	08/30/2021 13:00	G
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	**130**	mg/L	4	4.0	1	08/26/2021 11:00	08/26/2021 11:00	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516007 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**320**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	**8.4**	mg/L	2	2.0	2	08/25/2021 12:00	08/25/2021 12:00	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.1I**	mg/L	0.1	0.092	1	08/24/2021 13:23	08/24/2021 13:23	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	**4.1**	mg/L	2	2.0	1	08/23/2021 17:24	08/23/2021 17:24	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	**19**	mg/L	2	1.0	1	08/27/2021 18:08	08/27/2021 18:08	G

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	46	93	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	49	97	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516008 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 21:11	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 21:11	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 21:11	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 21:11	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:11	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 21:11	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:11	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 21:11	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:11	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 21:11	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:11	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 21:11	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:11	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 21:11	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:11	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:11	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 21:11	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 21:11	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 21:11	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 21:11	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:11	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:11	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 21:11	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:11	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:11	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516008 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 21:11	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:11	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 21:11	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:11	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:11	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:11	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 21:11	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 21:11	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 21:11	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 21:11	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 21:11	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 21:11	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 21:11	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:11	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 21:11	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 21:11	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 21:11	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:11	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:11	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:11	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:11	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 21:11	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516009 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:33	T
Iron	0.0067U	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:33	T
Sodium	0.80U	mg/L	1.0	0.80	1	08/26/2021 12:40	08/27/2021 20:33	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:33	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 21:59	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:16	J
Barium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:47	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:19	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:19	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:19	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:19	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:47	J
Nickel	**0.0074**	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:19	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:16	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:19	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:47	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:16	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:18	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 21:37	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 21:37	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 21:37	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 21:37	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:37	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516009 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 21:37	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:37	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 21:37	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:37	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 21:37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:37	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 21:37	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:37	T
2-Butanone (MEK)	**6.1**	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 21:37	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:37	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 21:37	T
Acetone	**9.2**	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 21:37	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 21:37	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 21:37	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 21:37	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:37	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:37	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 21:37	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:37	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:37	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 21:37	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 21:37	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 21:37	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:37	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 21:37	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 21:37	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 21:37	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516009 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 21:37	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 21:37	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 21:37	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 21:37	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 21:37	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 21:37	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:37	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 21:37	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 21:37	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 21:37	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:37	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:37	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 21:37	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 21:37	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 21:37	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.02U	mg/L	0.03	0.02	1	08/30/2021 12:54	08/30/2021 12:54	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**26**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	2.6U	mg/L	5	2.6	1	08/24/2021 10:22	08/24/2021 10:22	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/24/2021 13:24	08/24/2021 13:24	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516010 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-65 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**209.9**	umhos				08/23/2021 13:48	08/23/2021 13:48	
Dissolved Oxygen	**0.6**	mg/L				08/23/2021 13:48	08/23/2021 13:48	
ORP-2580BW	**-38**	mV				08/23/2021 13:48	08/23/2021 13:48	
Temperature	**25.8**	°C				08/23/2021 13:48	08/23/2021 13:48	
Turbidity	**3**	NTU				08/23/2021 13:48	08/23/2021 13:48	
pH	**5.31**	SU				08/23/2021 13:48	08/23/2021 13:48	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:36	T
Iron	**1.0**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:36	T
Sodium	**8.3**	mg/L	1.0	0.80	1	08/26/2021 12:40	08/27/2021 20:36	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:36	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 22:17	J
Arsenic	**0.018**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:22	J
Barium	**0.0012I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:53	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:26	J
Chromium	**0.0017I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:26	J
Cobalt	**0.0015**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:26	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:26	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 04:53	J
Nickel	**0.0019I**	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:26	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:22	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:26	J
Thallium	**0.00061I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 04:53	J
Vanadium	**0.010**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:22	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:21	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516010 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-65 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 22:03	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 22:03	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 22:03	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 22:03	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:03	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 22:03	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:03	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:03	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:03	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:03	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:03	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 22:03	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:03	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:03	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:03	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:03	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 22:03	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 22:03	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 22:03	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:03	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:03	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:03	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:03	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:03	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:03	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516010 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-65 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:03	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:03	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:03	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:03	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:03	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:03	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:03	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 22:03	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:03	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 22:03	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 22:03	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 22:03	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:03	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:03	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:03	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:03	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 22:03	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:03	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:03	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:03	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:03	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 22:03	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**1.0**	mg/L	0.03	0.02	1	08/30/2021 12:56	08/30/2021 12:56	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**190**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**20**	mg/L	5	2.6	1	08/24/2021 10:25	08/24/2021 10:25	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516010 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-65 **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/24/2021 13:25	08/24/2021 13:25	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 128	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	99	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516011 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-66A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**234.5**	umhos				08/23/2021 14:20	08/23/2021 14:20	
Dissolved Oxygen	**0.44**	mg/L				08/23/2021 14:20	08/23/2021 14:20	
ORP-2580BW	**-110.7**	mV				08/23/2021 14:20	08/23/2021 14:20	
Temperature	**27.9**	°C				08/23/2021 14:20	08/23/2021 14:20	
Turbidity	**2.26**	NTU				08/23/2021 14:20	08/23/2021 14:20	
pH	**5.9**	SU				08/23/2021 14:20	08/23/2021 14:20	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/26/2021 12:40	08/27/2021 20:38	T
Iron	**0.10**	mg/L	0.10	0.0067	1	08/26/2021 12:40	08/27/2021 20:38	T
Sodium	**5.2**	mg/L	1.0	0.80	1	08/26/2021 12:40	08/27/2021 20:38	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/26/2021 12:40	08/27/2021 20:38	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 22:23	J
Arsenic	**0.0021**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:28	J
Barium	**0.0035**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:12	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:32	J
Chromium	**0.00055I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:32	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:32	J
Copper	**0.0025I**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:28	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:12	J
Nickel	**0.0033I**	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:32	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:28	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:32	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 05:12	J
Vanadium	**0.012**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:28	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:24	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516011 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-66A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 22:29	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 22:29	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 22:29	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 22:29	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 22:29	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:29	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:29	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:29	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:29	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:29	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 22:29	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:29	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:29	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:29	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:29	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 22:29	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 22:29	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 22:29	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:29	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:29	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:29	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:29	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:29	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:29	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516011 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-66A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:29	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:29	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:29	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:29	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:29	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:29	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:29	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 22:29	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:29	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 22:29	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 22:29	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 22:29	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:29	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:29	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:29	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:29	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 22:29	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:29	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:29	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:29	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:29	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 22:29	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.57**	mg/L	0.03	0.02	1	08/30/2021 12:56	08/30/2021 12:56	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**200**	mg/L	10	10	1	08/29/2021 16:00	08/29/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**8.0**	mg/L	5	2.6	1	08/24/2021 10:26	08/24/2021 10:26	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516011 **Date Collected:** 8/23/2021 **Matrix:** Water
Sample ID: TH-66A **Date Received:** 8/23/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/24/2021 13:25	08/24/2021 13:25	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 128	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516012 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 22:55	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 22:55	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 22:55	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 22:55	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:55	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 22:55	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:55	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:55	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:55	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:55	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:55	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 22:55	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:55	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:55	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:55	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 22:55	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 22:55	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 22:55	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 22:55	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 22:55	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:55	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:55	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:55	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:55	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:55	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516012 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 22:55	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 22:55	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:55	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:55	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 22:55	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 22:55	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:55	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 22:55	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 22:55	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 22:55	T
Tetrachloroethylene (PCE)	**0.47I**	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 22:55	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 22:55	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 22:55	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:55	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 22:55	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 22:55	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 22:55	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:55	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:55	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 22:55	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 22:55	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 22:55	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516013 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-22A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**157.6**	umhos				08/24/2021 10:00	08/24/2021 10:00	
Dissolved Oxygen	**0.07**	mg/L				08/24/2021 10:00	08/24/2021 10:00	
ORP-2580BW	**-56.2**	mV				08/24/2021 10:00	08/24/2021 10:00	
Temperature	**24.9**	°C				08/24/2021 10:00	08/24/2021 10:00	
Turbidity	**19.1**	NTU				08/24/2021 10:00	08/24/2021 10:00	
pH	**4.42**	SU				08/24/2021 10:00	08/24/2021 10:00	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:39	T
Iron	**0.25**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:39	T
Sodium	**2.0**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:39	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:39	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 22:28	J
Arsenic	**0.00046I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:34	J
Barium	**0.046**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:18	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:38	J
Chromium	**0.0051**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:38	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:38	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:38	J
Lead	**0.00092I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:18	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:38	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:34	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:38	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 05:18	J
Vanadium	**0.0031I**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:34	J
METALS (SW-846 7470A)								
Mercury	**0.000029I**	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:27	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516013 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-22A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 23:21	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 23:21	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 23:21	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 23:21	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:21	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 23:21	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:21	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 23:21	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:21	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 23:21	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:21	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 23:21	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:21	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 23:21	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:21	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:21	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 23:21	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 23:21	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 23:21	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 23:21	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:21	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:21	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 23:21	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:21	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:21	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516013 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-22A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 23:21	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:21	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 23:21	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:21	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:21	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:21	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 23:21	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 23:21	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 23:21	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 23:21	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 23:21	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 23:21	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 23:21	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:21	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 23:21	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 23:21	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 23:21	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:21	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:21	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:21	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:21	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 23:21	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.22**	mg/L	0.03	0.02	1	08/30/2021 12:59	08/30/2021 12:59	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**230**	mg/L	10	10	1	08/30/2021 09:00	08/30/2021 09:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**11**	mg/L	5	2.6	1	08/31/2021 10:04	08/31/2021 10:04	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516013 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-22A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/25/2021 09:59	08/25/2021 09:59	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	101	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516014 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-19 **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**389.3**	umhos				08/24/2021 12:19	08/24/2021 12:19	
Dissolved Oxygen	**0.32**	mg/L				08/24/2021 12:19	08/24/2021 12:19	
ORP-2580BW	**-81.5**	mV				08/24/2021 12:19	08/24/2021 12:19	
Temperature	**23.5**	°C				08/24/2021 12:19	08/24/2021 12:19	
Turbidity	**0.82**	NTU				08/24/2021 12:19	08/24/2021 12:19	
pH	**7.12**	SU				08/24/2021 12:19	08/24/2021 12:19	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:42	T
Iron	**0.014I**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:42	T
Sodium	**13**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:42	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:42	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 22:34	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:41	J
Barium	**0.0058**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:24	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:44	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:44	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:44	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:44	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:24	J
Nickel	**0.0019I**	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:44	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:41	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:44	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 05:24	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:41	J
METALS (SW-846 7470A)								
Mercury	**0.000014I**	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:29	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516014 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-19 **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/30/2021 23:47	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/30/2021 23:47	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/30/2021 23:47	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/30/2021 23:47	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:47	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/30/2021 23:47	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:47	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 23:47	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:47	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 23:47	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:47	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/30/2021 23:47	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:47	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 23:47	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:47	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/30/2021 23:47	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/30/2021 23:47	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/30/2021 23:47	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/30/2021 23:47	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/30/2021 23:47	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:47	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:47	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 23:47	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:47	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:47	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516014 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-19 **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/30/2021 23:47	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/30/2021 23:47	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 23:47	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:47	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/30/2021 23:47	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/30/2021 23:47	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 23:47	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/30/2021 23:47	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/30/2021 23:47	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/30/2021 23:47	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/30/2021 23:47	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/30/2021 23:47	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/30/2021 23:47	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:47	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/30/2021 23:47	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/30/2021 23:47	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/30/2021 23:47	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:47	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:47	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/30/2021 23:47	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/30/2021 23:47	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/30/2021 23:47	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.27**	mg/L	0.03	0.02	1	08/30/2021 12:59	08/30/2021 12:59	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**210**	mg/L	10	10	1	08/30/2021 09:00	08/30/2021 09:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**8.7**	mg/L	5	2.6	1	08/31/2021 10:05	08/31/2021 10:05	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516014 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-19 **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/25/2021 10:00	08/25/2021 10:00	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516015 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-36A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**197.8**	umhos				08/24/2021 12:49	08/24/2021 12:49	
Dissolved Oxygen	**1.09**	mg/L				08/24/2021 12:49	08/24/2021 12:49	
ORP-2580BW	**93.2**	mV				08/24/2021 12:49	08/24/2021 12:49	
Temperature	**25.6**	°C				08/24/2021 12:49	08/24/2021 12:49	
Turbidity	**3.26**	NTU				08/24/2021 12:49	08/24/2021 12:49	
pH	**5.57**	SU				08/24/2021 12:49	08/24/2021 12:49	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:45	T
Iron	0.0067U	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:45	T
Sodium	**3.9**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:45	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:45	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/01/2021 22:40	J
Arsenic	**0.00050I**	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 15:59	J
Barium	**0.0056**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:31	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:50	J
Chromium	**0.00075I**	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:50	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/02/2021 04:50	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 04:50	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/01/2021 05:31	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 04:50	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	08/31/2021 10:37	09/02/2021 15:59	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	08/31/2021 10:37	09/02/2021 04:50	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	08/31/2021 10:37	09/01/2021 05:31	J
Vanadium	**0.022**	mg/L	0.0040	0.0010	1	08/31/2021 10:37	09/02/2021 15:59	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:32	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516015 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-36A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/31/2021 00:13	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/31/2021 00:13	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/31/2021 00:13	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/31/2021 00:13	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:13	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/31/2021 00:13	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:13	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 00:13	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:13	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 00:13	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:13	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/31/2021 00:13	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:13	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 00:13	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:13	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:13	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/31/2021 00:13	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/31/2021 00:13	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/31/2021 00:13	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 00:13	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:13	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:13	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 00:13	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:13	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:13	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516015 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-36A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 00:13	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:13	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 00:13	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:13	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:13	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:13	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 00:13	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/31/2021 00:13	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 00:13	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/31/2021 00:13	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/31/2021 00:13	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/31/2021 00:13	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 00:13	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:13	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 00:13	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 00:13	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/31/2021 00:13	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:13	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:13	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:13	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:13	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/31/2021 00:13	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.02U	mg/L	0.03	0.02	1	08/30/2021 13:00	08/30/2021 13:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**140**	mg/L	10	10	1	08/30/2021 09:00	08/30/2021 09:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**7.9**	mg/L	5	2.6	1	08/31/2021 10:07	08/31/2021 10:07	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516015 **Date Collected:** 8/24/2021 **Matrix:** Water
Sample ID: TH-36A **Date Received:** 8/24/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.33**	mg/L	0.1	0.092	1	08/25/2021 10:02	08/25/2021 10:02	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	95	86 - 123	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516016 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/31/2021 00:39	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/31/2021 00:39	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/31/2021 00:39	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/31/2021 00:39	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:39	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/31/2021 00:39	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:39	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 00:39	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:39	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 00:39	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:39	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/31/2021 00:39	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:39	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 00:39	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:39	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 00:39	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/31/2021 00:39	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/31/2021 00:39	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/31/2021 00:39	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 00:39	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:39	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:39	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 00:39	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:39	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:39	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516016 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 00:39	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 00:39	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 00:39	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:39	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 00:39	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 00:39	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 00:39	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/31/2021 00:39	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 00:39	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/31/2021 00:39	T
Tetrachloroethylene (PCE)	**0.72I**	ug/L	1.0	0.45	1	08/30/2021 15:07	08/31/2021 00:39	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/31/2021 00:39	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 00:39	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:39	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 00:39	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 00:39	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/31/2021 00:39	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:39	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:39	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 00:39	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 00:39	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/31/2021 00:39	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	99	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516017 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-58 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**814**	umhos				08/25/2021 09:05	08/25/2021 09:05	
Dissolved Oxygen	**0.39**	mg/L				08/25/2021 09:05	08/25/2021 09:05	
ORP-2580BW	**48.1**	mV				08/25/2021 09:05	08/25/2021 09:05	
Temperature	**27.6**	°C				08/25/2021 09:05	08/25/2021 09:05	
Turbidity	**1.01**	NTU				08/25/2021 09:05	08/25/2021 09:05	
pH	**5.54**	SU				08/25/2021 09:05	08/25/2021 09:05	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:48	T
Iron	**3.5**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:48	T
Sodium	**51**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:48	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:48	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:15	J
Arsenic	**0.015**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:15	J
Barium	**0.042**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:15	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:15	J
Chromium	**0.0011I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:15	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:15	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:15	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:15	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:15	J
Selenium	**0.0029I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/07/2021 18:50	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:15	J
Thallium	**0.00063I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:15	J
Vanadium	**0.0073**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:15	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:35	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516017 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-58 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/31/2021 01:05	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/31/2021 01:05	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/31/2021 01:05	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/31/2021 01:05	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:05	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/31/2021 01:05	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:05	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:05	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:05	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:05	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:05	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/31/2021 01:05	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:05	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:05	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:05	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:05	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/31/2021 01:05	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/31/2021 01:05	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/31/2021 01:05	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:05	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:05	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:05	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:05	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:05	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:05	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516017 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-58 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:05	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:05	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:05	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:05	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:05	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:05	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:05	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/31/2021 01:05	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:05	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/31/2021 01:05	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/31/2021 01:05	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/31/2021 01:05	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:05	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:05	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:05	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:05	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/31/2021 01:05	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:05	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:05	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:05	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:05	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/31/2021 01:05	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.089**	mg/L	0.03	0.02	1	08/30/2021 13:01	08/30/2021 13:01	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**820**	mg/L	10	10	1	08/31/2021 15:00	08/31/2021 15:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**210**	mg/L	25	13	5	08/31/2021 10:39	08/31/2021 10:39	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516017 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-58 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**1.4**	mg/L	0.1	0.092	1	08/26/2021 14:55	08/26/2021 14:55	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516018 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-72 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**1081**	umhos				08/25/2021 11:50	08/25/2021 11:50	
Dissolved Oxygen	**0.26**	mg/L				08/25/2021 11:50	08/25/2021 11:50	
ORP-2580BW	**-132.2**	mV				08/25/2021 11:50	08/25/2021 11:50	
Temperature	**24.4**	°C				08/25/2021 11:50	08/25/2021 11:50	
Turbidity	**9.6**	NTU				08/25/2021 11:50	08/25/2021 11:50	
pH	**6.61**	SU				08/25/2021 11:50	08/25/2021 11:50	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:51	T
Iron	**0.30**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:51	T
Sodium	**68**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:51	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:51	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:33	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:33	J
Barium	**0.036**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:33	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:33	J
Chromium	**0.00071I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:33	J
Cobalt	**0.00026I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:33	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:33	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:33	J
Nickel	**0.0036I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:33	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:33	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:33	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:33	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:33	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/01/2021 14:00	09/02/2021 08:38	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516018 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-72 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/31/2021 01:31	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/31/2021 01:31	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/31/2021 01:31	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/31/2021 01:31	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:31	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/31/2021 01:31	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:31	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:31	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:31	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:31	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:31	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/31/2021 01:31	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:31	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:31	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:31	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:31	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/31/2021 01:31	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/31/2021 01:31	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/31/2021 01:31	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:31	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:31	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:31	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:31	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:31	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:31	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516018 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-72 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:31	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:31	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:31	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:31	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:31	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:31	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:31	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/31/2021 01:31	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:31	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/31/2021 01:31	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/31/2021 01:31	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/31/2021 01:31	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:31	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:31	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:31	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:31	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/31/2021 01:31	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:31	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:31	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:31	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:31	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/31/2021 01:31	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**7.8**	mg/L	0.03	0.02	1	08/30/2021 13:02	08/30/2021 13:02	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**700**	mg/L	10	10	1	08/31/2021 15:00	08/31/2021 15:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**170**	mg/L	25	13	5	08/31/2021 10:40	08/31/2021 10:40	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516018 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-72 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/26/2021 14:57	08/26/2021 14:57	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	99	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516019 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-28A **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**286**	umhos				08/25/2021 12:27	08/25/2021 12:27	
Dissolved Oxygen	**0.55**	mg/L				08/25/2021 12:27	08/25/2021 12:27	
ORP-2580BW	**-95.6**	mV				08/25/2021 12:27	08/25/2021 12:27	
Temperature	**28.8**	°C				08/25/2021 12:27	08/25/2021 12:27	
Turbidity	**3.27**	NTU				08/25/2021 12:27	08/25/2021 12:27	
pH	**5.31**	SU				08/25/2021 12:27	08/25/2021 12:27	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:54	T
Iron	**3.3**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:54	T
Sodium	**18**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:54	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:54	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:40	J
Arsenic	**0.0014**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:40	J
Barium	**0.0022**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:40	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:40	J
Chromium	**0.0013I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:40	J
Cobalt	**0.00048I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:40	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:40	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:40	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:40	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:40	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:40	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:40	J
Vanadium	**0.0015I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:40	J
METALS (SW-846 7470A)								
Mercury	**0.00012**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 07:53	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516019 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-28A **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	08/30/2021 15:07	08/31/2021 01:57	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	08/30/2021 15:07	08/31/2021 01:57	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	08/30/2021 15:07	08/31/2021 01:57	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	08/30/2021 15:07	08/31/2021 01:57	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:57	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	08/30/2021 15:07	08/31/2021 01:57	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:57	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:57	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:57	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:57	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:57	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	08/30/2021 15:07	08/31/2021 01:57	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:57	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:57	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:57	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	08/30/2021 15:07	08/31/2021 01:57	T
Acetone	0.90U	ug/L	2.0	0.90	1	08/30/2021 15:07	08/31/2021 01:57	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	08/30/2021 15:07	08/31/2021 01:57	T
Benzene	0.28U	ug/L	1.0	0.28	1	08/30/2021 15:07	08/31/2021 01:57	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	08/30/2021 15:07	08/31/2021 01:57	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:57	T
Bromoform	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:57	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:57	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:57	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:57	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516019 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-28A **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	08/30/2021 15:07	08/31/2021 01:57	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	08/30/2021 15:07	08/31/2021 01:57	T
Chloroform	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:57	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:57	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	08/30/2021 15:07	08/31/2021 01:57	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	08/30/2021 15:07	08/31/2021 01:57	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:57	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	08/30/2021 15:07	08/31/2021 01:57	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	08/30/2021 15:07	08/31/2021 01:57	T
Styrene	0.29U	ug/L	1.0	0.29	1	08/30/2021 15:07	08/31/2021 01:57	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	08/30/2021 15:07	08/31/2021 01:57	T
Toluene	0.66U	ug/L	1.0	0.66	1	08/30/2021 15:07	08/31/2021 01:57	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	08/30/2021 15:07	08/31/2021 01:57	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:57	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	08/30/2021 15:07	08/31/2021 01:57	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	08/30/2021 15:07	08/31/2021 01:57	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	08/30/2021 15:07	08/31/2021 01:57	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:57	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:57	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	08/30/2021 15:07	08/31/2021 01:57	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	08/30/2021 15:07	08/31/2021 01:57	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	08/30/2021 15:07	08/31/2021 01:57	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**2.0**	mg/L	0.03	0.02	1	08/30/2021 13:02	08/30/2021 13:02	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**250**	mg/L	10	10	1	08/31/2021 15:30	08/31/2021 15:30	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**61**	mg/L	5	2.6	1	08/31/2021 10:09	08/31/2021 10:09	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516019 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-28A **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/26/2021 14:58	08/26/2021 14:58	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	47	94	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	49	99	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516020 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-57 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**279.8**	umhos				08/25/2021 12:58	08/25/2021 12:58	
Dissolved Oxygen	**0.64**	mg/L				08/25/2021 12:58	08/25/2021 12:58	
ORP-2580BW	**-171.4**	mV				08/25/2021 12:58	08/25/2021 12:58	
Temperature	**29**	°C				08/25/2021 12:58	08/25/2021 12:58	
Turbidity	**0.73**	NTU				08/25/2021 12:58	08/25/2021 12:58	
pH	**5.22**	SU				08/25/2021 12:58	08/25/2021 12:58	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:56	T
Iron	**0.69**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:56	T
Sodium	**19**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:56	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:56	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:46	J
Arsenic	**0.00028I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:46	J
Barium	**0.0074**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:46	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:46	J
Chromium	**0.00079I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:46	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:46	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:46	J
Lead	**0.00054I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:46	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:46	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:46	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:46	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:46	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:46	J
METALS (SW-846 7470A)								
Mercury	**0.000090I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 07:56	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516020 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-57 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 16:59	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 16:59	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 16:59	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 16:59	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 16:59	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 16:59	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 16:59	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 16:59	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 16:59	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 16:59	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 16:59	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 16:59	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 16:59	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 16:59	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 16:59	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 16:59	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 16:59	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 16:59	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 16:59	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 16:59	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 16:59	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 16:59	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 16:59	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 16:59	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 16:59	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516020 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-57 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 16:59	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 16:59	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 16:59	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 16:59	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 16:59	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 16:59	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 16:59	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 16:59	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 16:59	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 16:59	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 16:59	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 16:59	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 16:59	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 16:59	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 16:59	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 16:59	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 16:59	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 16:59	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 16:59	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 16:59	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 16:59	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 16:59	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**1.3**	mg/L	0.03	0.02	1	08/30/2021 13:09	08/30/2021 13:09	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**260**	mg/L	10	10	1	08/31/2021 15:30	08/31/2021 15:30	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**62**	mg/L	5	2.6	1	08/31/2021 10:10	08/31/2021 10:10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516020 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-57 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/26/2021 14:59	08/26/2021 14:59	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516021 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-40 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**348**	umhos				08/25/2021 13:45	08/25/2021 13:45	
Dissolved Oxygen	**0.27**	mg/L				08/25/2021 13:45	08/25/2021 13:45	
ORP-2580BW	**-110.3**	mV				08/25/2021 13:45	08/25/2021 13:45	
Temperature	**23.9**	°C				08/25/2021 13:45	08/25/2021 13:45	
Turbidity	**0.91**	NTU				08/25/2021 13:45	08/25/2021 13:45	
pH	**7.16**	SU				08/25/2021 13:45	08/25/2021 13:45	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/30/2021 09:00	08/31/2021 15:39	T
Iron	**0.020I**	mg/L	0.10	0.0067	1	08/30/2021 09:00	08/31/2021 15:39	T
Sodium	**17**	mg/L	1.0	0.80	1	08/30/2021 09:00	08/31/2021 15:39	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/30/2021 09:00	08/31/2021 15:39	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:52	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:52	J
Barium	**0.0063**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:52	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:52	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:52	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:52	J
Copper	**0.0012I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:52	J
Lead	**0.00051I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:52	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:52	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:52	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:52	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:52	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:52	J
METALS (SW-846 7470A)								
Mercury	**0.000080I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 07:59	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516021 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-40 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 17:26	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 17:26	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 17:26	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 17:26	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:26	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 17:26	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:26	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 17:26	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:26	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 17:26	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:26	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 17:26	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:26	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 17:26	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:26	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:26	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 17:26	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 17:26	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 17:26	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 17:26	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:26	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:26	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 17:26	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:26	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:26	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516021 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-40 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 17:26	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:26	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 17:26	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:26	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:26	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:26	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 17:26	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 17:26	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 17:26	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 17:26	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 17:26	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 17:26	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 17:26	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:26	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 17:26	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 17:26	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 17:26	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:26	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:26	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:26	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:26	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 17:26	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.34**	mg/L	0.03	0.02	1	08/30/2021 13:11	08/30/2021 13:11	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**250**	mg/L	10	10	1	08/31/2021 15:30	08/31/2021 15:30	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**17**	mg/L	5	2.6	1	08/31/2021 10:10	08/31/2021 10:10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516021 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: TH-40 **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.13**	mg/L	0.1	0.092	1	08/26/2021 15:00	08/26/2021 15:00	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516022 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/30/2021 09:00	08/31/2021 15:42	T
Iron	**0.35**	mg/L	0.10	0.0067	1	08/30/2021 09:00	08/31/2021 15:42	T
Sodium	**79**	mg/L	1.0	0.80	1	08/30/2021 09:00	08/31/2021 15:42	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/30/2021 09:00	08/31/2021 15:42	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:59	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:59	J
Barium	**0.037**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:59	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:59	J
Chromium	**0.00074I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:59	J
Cobalt	**0.00028I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:59	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:59	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:59	J
Nickel	**0.0040I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:59	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 20:59	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 20:59	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 20:59	J
Vanadium	**0.0014I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 20:59	J
METALS (SW-846 7470A)								
Mercury	**0.000068I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:01	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 17:52	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 17:52	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 17:52	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 17:52	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:52	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516022 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 17:52	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:52	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 17:52	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:52	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 17:52	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:52	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 17:52	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:52	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 17:52	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:52	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 17:52	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 17:52	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 17:52	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 17:52	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 17:52	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:52	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:52	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 17:52	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:52	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:52	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 17:52	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 17:52	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 17:52	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:52	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 17:52	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 17:52	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 17:52	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516022 **Date Collected:** 8/25/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/25/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 17:52	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 17:52	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 17:52	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 17:52	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 17:52	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 17:52	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:52	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 17:52	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 17:52	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 17:52	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:52	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:52	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 17:52	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 17:52	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 17:52	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**7.4**	mg/L	0.03	0.02	1	08/30/2021 13:12	08/30/2021 13:12	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**300**	mg/L	10	10	1	08/30/2021 09:00	08/30/2021 09:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**190**	mg/L	25	13	5	08/31/2021 10:41	08/31/2021 10:41	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/26/2021 15:53	08/26/2021 15:53	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	105	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	105	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516023 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 18:18	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 18:18	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 18:18	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 18:18	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 18:18	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 18:18	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 18:18	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 18:18	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 18:18	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 18:18	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 18:18	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 18:18	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 18:18	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 18:18	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 18:18	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 18:18	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 18:18	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 18:18	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 18:18	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 18:18	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 18:18	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 18:18	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 18:18	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 18:18	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 18:18	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516023 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 18:18	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 18:18	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 18:18	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 18:18	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 18:18	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 18:18	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 18:18	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 18:18	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 18:18	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 18:18	T
Tetrachloroethylene (PCE)	**1.1**	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 18:18	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 18:18	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 18:18	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 18:18	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 18:18	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 18:18	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 18:18	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 18:18	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 18:18	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 18:18	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 18:18	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 18:18	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	107	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516024 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-78 **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**442.2**	umhos				08/26/2021 12:52	08/26/2021 12:52	
Dissolved Oxygen	**0.31**	mg/L				08/26/2021 12:52	08/26/2021 12:52	
ORP-2580BW	**-220.5**	mV				08/26/2021 12:52	08/26/2021 12:52	
Temperature	**23.4**	°C				08/26/2021 12:52	08/26/2021 12:52	
Turbidity	**0.65**	NTU				08/26/2021 12:52	08/26/2021 12:52	
pH	**7.4**	SU				08/26/2021 12:52	08/26/2021 12:52	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/30/2021 09:00	08/31/2021 19:13	T
Iron	**0.14**	mg/L	0.10	0.0067	1	08/30/2021 09:00	08/31/2021 19:13	T
Sodium	**32**	mg/L	1.0	0.80	1	08/30/2021 09:00	08/31/2021 19:13	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/30/2021 09:00	08/31/2021 19:13	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:05	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:05	J
Barium	**0.025**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:05	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:05	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:05	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:05	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:05	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:05	J
Nickel	**0.0016I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:05	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:05	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:05	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:05	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:05	J
METALS (SW-846 7470A)								
Mercury	**0.00014**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:12	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516024 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-78 **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 18:44	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 18:44	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 18:44	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 14:21	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 14:21	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 14:21	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 14:21	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 14:21	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 14:21	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 14:21	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 14:21	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 14:21	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 14:21	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 14:21	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 14:21	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 14:21	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 14:21	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 14:21	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 14:21	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 14:21	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 14:21	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 14:21	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 14:21	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 14:21	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 14:21	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516024 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-78 **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 14:21	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 14:21	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 14:21	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 14:21	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 14:21	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 14:21	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 14:21	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 14:21	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 14:21	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 14:21	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 14:21	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 14:21	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 14:21	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 14:21	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 14:21	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 14:21	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 14:21	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 14:21	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 14:21	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 14:21	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 14:21	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 14:21	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.32**	mg/L	0.03	0.02	1	08/30/2021 13:13	08/30/2021 13:13	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**380**	mg/L	10	10	1	09/01/2021 14:30	09/01/2021 14:30	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**31**	mg/L	5	2.6	1	08/31/2021 10:14	08/31/2021 10:14	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516024 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-78 **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.17**	mg/L	0.1	0.092	1	08/26/2021 17:40	08/26/2021 17:40	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	T
Toluene-d8 (S)	ug/L	50	52	103	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	T
Toluene-d8 (S)	ug/L	50	51	103	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516025 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-20B **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**184.8**	umhos				08/26/2021 13:51	08/26/2021 13:51	
Dissolved Oxygen	**0.25**	mg/L				08/26/2021 13:51	08/26/2021 13:51	
ORP-2580BW	**-94.7**	mV				08/26/2021 13:51	08/26/2021 13:51	
Temperature	**26.3**	°C				08/26/2021 13:51	08/26/2021 13:51	
Turbidity	**1.86**	NTU				08/26/2021 13:51	08/26/2021 13:51	
pH	**5.7**	SU				08/26/2021 13:51	08/26/2021 13:51	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	08/30/2021 09:00	08/31/2021 19:16	T
Iron	**3.6**	mg/L	0.10	0.0067	1	08/30/2021 09:00	08/31/2021 19:16	T
Sodium	**8.4**	mg/L	1.0	0.80	1	08/30/2021 09:00	08/31/2021 19:16	T
Zinc	0.050U	mg/L	0.10	0.050	1	08/30/2021 09:00	08/31/2021 19:16	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:11	J
Arsenic	**0.0030**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:11	J
Barium	**0.0030**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:11	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:11	J
Chromium	**0.0014I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:11	J
Cobalt	**0.00060I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:11	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:11	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:11	J
Nickel	**0.0021I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:11	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:11	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:11	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:11	J
Vanadium	**0.030**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:11	J
METALS (SW-846 7470A)								
Mercury	**0.000071I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:15	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516025 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-20B **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 19:11	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 19:11	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 19:11	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 19:11	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:11	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 19:11	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:11	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 19:11	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:11	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 19:11	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:11	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 19:11	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:11	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 19:11	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:11	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:11	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 19:11	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 19:11	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 19:11	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 19:11	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:11	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:11	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 19:11	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:11	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:11	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516025 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-20B **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 19:11	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:11	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 19:11	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:11	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:11	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:11	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 19:11	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 19:11	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 19:11	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 19:11	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 19:11	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 19:11	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 19:11	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:11	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 19:11	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 19:11	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 19:11	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:11	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:11	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:11	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:11	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 19:11	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**1.0**	mg/L	0.03	0.02	1	08/30/2021 13:14	08/30/2021 13:14	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**160**	mg/L	10	10	1	09/01/2021 14:30	09/01/2021 14:30	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**19**	mg/L	5	2.6	1	08/31/2021 10:16	08/31/2021 10:16	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516025 **Date Collected:** 8/26/2021 **Matrix:** Water
Sample ID: TH-20B **Date Received:** 8/26/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/26/2021 17:41	08/26/2021 17:41	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516026 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/06/2021 00:27	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/06/2021 00:27	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/06/2021 00:27	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/06/2021 00:27	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:27	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/06/2021 00:27	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:27	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 00:27	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:27	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 00:27	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:27	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/06/2021 00:27	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:27	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 00:27	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:27	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:27	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/06/2021 00:27	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/06/2021 00:27	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/06/2021 00:27	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 00:27	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:27	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:27	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 00:27	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:27	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:27	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516026 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 00:27	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:27	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 00:27	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:27	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:27	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:27	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 00:27	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/06/2021 00:27	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 00:27	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/06/2021 00:27	T
Tetrachloroethylene (PCE)	**1.2**	ug/L	1.0	0.45	1	09/05/2021 13:28	09/06/2021 00:27	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/06/2021 00:27	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 00:27	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:27	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 00:27	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 00:27	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/06/2021 00:27	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:27	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:27	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:27	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:27	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/06/2021 00:27	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	107	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516027 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-70A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**477**	umhos				08/27/2021 09:38	08/27/2021 09:38	
Dissolved Oxygen	**2.69**	mg/L				08/27/2021 09:38	08/27/2021 09:38	
ORP-2580BW	**-63.4**	mV				08/27/2021 09:38	08/27/2021 09:38	
Temperature	**27**	°C				08/27/2021 09:38	08/27/2021 09:38	
Turbidity	**173.6**	NTU				08/27/2021 09:38	08/27/2021 09:38	
pH	**6.31**	SU				08/27/2021 09:38	08/27/2021 09:38	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 14:58	T
Iron	**41**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 14:58	T
Sodium	**11**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 14:58	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 14:58	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:17	J
Arsenic	**0.0088**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:17	J
Barium	**0.016**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:17	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:17	J
Chromium	**0.0011I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:17	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:17	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:17	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:17	J
Nickel	**0.0057**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:17	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:17	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:17	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:17	J
Vanadium	**0.0053**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:17	J
METALS (SW-846 7470A)								
Mercury	**0.000063I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:24	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516027 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-70A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/06/2021 00:53	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/06/2021 00:53	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/06/2021 00:53	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/06/2021 00:53	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:53	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/06/2021 00:53	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:53	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 00:53	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:53	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 00:53	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:53	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/06/2021 00:53	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:53	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 00:53	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:53	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 00:53	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/06/2021 00:53	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/06/2021 00:53	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/06/2021 00:53	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 00:53	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:53	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:53	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 00:53	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:53	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:53	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516027 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-70A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 00:53	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 00:53	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 00:53	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:53	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 00:53	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 00:53	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 00:53	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/06/2021 00:53	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 00:53	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/06/2021 00:53	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/06/2021 00:53	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/06/2021 00:53	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 00:53	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:53	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 00:53	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 00:53	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/06/2021 00:53	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:53	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:53	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 00:53	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 00:53	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/06/2021 00:53	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**1.5**	mg/L	0.03	0.02	1	08/30/2021 14:10	08/30/2021 14:10	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**310**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**25**	mg/L	5	2.6	1	08/31/2021 10:17	08/31/2021 10:17	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516027 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-70A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/28/2021 10:39	08/28/2021 10:39	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	99	86 - 123	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516028 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-69A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**497.3**	umhos				08/27/2021 10:10	08/27/2021 10:10	
Dissolved Oxygen	**0.49**	mg/L				08/27/2021 10:10	08/27/2021 10:10	
ORP-2580BW	**-94.9**	mV				08/27/2021 10:10	08/27/2021 10:10	
Temperature	**26.7**	°C				08/27/2021 10:10	08/27/2021 10:10	
Turbidity	**6.83**	NTU				08/27/2021 10:10	08/27/2021 10:10	
pH	**5.95**	SU				08/27/2021 10:10	08/27/2021 10:10	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:01	T
Iron	**22**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:01	T
Sodium	**16**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:01	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:01	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:24	J
Arsenic	**0.0026**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:24	J
Barium	**0.0034**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:24	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:24	J
Chromium	**0.0012I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:24	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:24	J
Copper	**0.0018I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:24	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:24	J
Nickel	**0.0021I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:24	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:24	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:24	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:24	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:24	J
METALS (SW-846 7470A)								
Mercury	**0.000067I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:26	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516028 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-69A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/06/2021 01:20	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/06/2021 01:20	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/06/2021 01:20	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/06/2021 01:20	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 01:20	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/06/2021 01:20	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 01:20	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 01:20	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 01:20	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 01:20	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 01:20	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/06/2021 01:20	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 01:20	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 01:20	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 01:20	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/06/2021 01:20	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/06/2021 01:20	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/06/2021 01:20	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/06/2021 01:20	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/06/2021 01:20	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 01:20	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 01:20	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 01:20	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 01:20	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 01:20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516028 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-69A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/06/2021 01:20	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/06/2021 01:20	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 01:20	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 01:20	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/06/2021 01:20	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/06/2021 01:20	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 01:20	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/06/2021 01:20	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/06/2021 01:20	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/06/2021 01:20	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/06/2021 01:20	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/06/2021 01:20	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/06/2021 01:20	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 01:20	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/06/2021 01:20	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/06/2021 01:20	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/06/2021 01:20	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 01:20	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 01:20	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/06/2021 01:20	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/06/2021 01:20	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/06/2021 01:20	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.78**	mg/L	0.03	0.02	1	08/30/2021 14:11	08/30/2021 14:11	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**380**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**42**	mg/L	5	2.6	1	08/31/2021 10:18	08/31/2021 10:18	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516028 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-69A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.12**	mg/L	0.1	0.092	1	08/28/2021 10:43	08/28/2021 10:43	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	111	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516029 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-71A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**1345**	umhos				08/27/2021 11:28	08/27/2021 11:28	
Dissolved Oxygen	**0.32**	mg/L				08/27/2021 11:28	08/27/2021 11:28	
ORP-2580BW	**-50.4**	mV				08/27/2021 11:28	08/27/2021 11:28	
Temperature	**25.6**	°C				08/27/2021 11:28	08/27/2021 11:28	
Turbidity	**78.3**	NTU				08/27/2021 11:28	08/27/2021 11:28	
pH	**5.93**	SU				08/27/2021 11:28	08/27/2021 11:28	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:04	T
Iron	**44**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:04	T
Sodium	**78**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:04	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:04	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:30	J
Arsenic	**0.0048**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:30	J
Barium	**0.047**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:30	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:30	J
Chromium	**0.0010I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:30	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:30	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:30	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:30	J
Nickel	**0.0052**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:30	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:30	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:30	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:30	J
Vanadium	**0.0055**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:30	J
METALS (SW-846 7470A)								
Mercury	**0.000083I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:29	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516029 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-71A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 05:43	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 05:43	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 05:43	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 05:43	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 05:43	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 05:43	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 05:43	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 05:43	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 05:43	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 05:43	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 05:43	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 05:43	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 05:43	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 05:43	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 05:43	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 05:43	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 05:43	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 05:43	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 05:43	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 05:43	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 05:43	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 05:43	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 05:43	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 05:43	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 05:43	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516029 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-71A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 05:43	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 05:43	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 05:43	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 05:43	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 05:43	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 05:43	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 05:43	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 05:43	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 05:43	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 05:43	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 05:43	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 05:43	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 05:43	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 05:43	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 05:43	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 05:43	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 05:43	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 05:43	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 05:43	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 05:43	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 05:43	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 05:43	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**1.7**	mg/L	0.03	0.02	1	08/30/2021 14:11	08/30/2021 14:11	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**1400**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**330**	mg/L	25	13	5	08/31/2021 10:41	08/31/2021 10:41	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516029 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-71A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.16**	mg/L	0.1	0.092	1	08/28/2021 10:40	08/28/2021 10:40	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516030 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-68 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**167.6**	umhos				08/27/2021 12:06	08/27/2021 12:06	
Dissolved Oxygen	**1.25**	mg/L				08/27/2021 12:06	08/27/2021 12:06	
ORP-2580BW	**29.1**	mV				08/27/2021 12:06	08/27/2021 12:06	
Temperature	**29.5**	°C				08/27/2021 12:06	08/27/2021 12:06	
Turbidity	**18.6**	NTU				08/27/2021 12:06	08/27/2021 12:06	
pH	**5.52**	SU				08/27/2021 12:06	08/27/2021 12:06	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:07	T
Iron	**0.76**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:07	T
Sodium	**5.7**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:07	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:07	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:49	J
Arsenic	**0.0019**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:49	J
Barium	**0.015**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:49	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:49	J
Chromium	**0.0075**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:49	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:49	J
Copper	**0.0035I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:49	J
Lead	**0.0014I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:49	J
Nickel	**0.0013I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:49	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:49	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:49	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:49	J
Vanadium	**0.0043**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:49	J
METALS (SW-846 7470A)								
Mercury	**0.00044**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:32	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516030 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-68 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 06:10	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 06:10	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 06:10	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 06:10	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:10	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 06:10	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:10	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 06:10	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:10	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 06:10	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:10	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 06:10	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:10	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 06:10	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:10	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:10	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 06:10	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 06:10	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 06:10	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 06:10	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:10	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:10	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 06:10	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:10	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516030 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-68 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 06:10	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:10	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 06:10	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:10	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:10	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:10	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 06:10	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 06:10	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 06:10	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 06:10	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 06:10	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 06:10	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 06:10	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:10	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 06:10	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 06:10	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 06:10	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:10	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:10	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:10	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:10	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 06:10	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.23**	mg/L	0.03	0.02	1	08/30/2021 14:12	08/30/2021 14:12	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**230**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**10**	mg/L	5	2.6	1	08/31/2021 10:19	08/31/2021 10:19	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516030 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-68 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/28/2021 10:39	08/28/2021 10:39	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	98	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	105	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516031 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-64 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**158.2**	umhos				08/27/2021 12:45	08/27/2021 12:45	
Dissolved Oxygen	**0.95**	mg/L				08/27/2021 12:45	08/27/2021 12:45	
ORP-2580BW	**180.3**	mV				08/27/2021 12:45	08/27/2021 12:45	
Temperature	**28.2**	°C				08/27/2021 12:45	08/27/2021 12:45	
Turbidity	**11.2**	NTU				08/27/2021 12:45	08/27/2021 12:45	
pH	**4.72**	SU				08/27/2021 12:45	08/27/2021 12:45	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:10	T
Iron	**0.21**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:10	T
Sodium	**6.4**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:10	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:10	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:55	J
Arsenic	**0.00073I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:55	J
Barium	**0.041**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:55	J
Cadmium	**0.00047I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:55	J
Chromium	**0.0024**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:55	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:55	J
Copper	**0.0017I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:55	J
Lead	**0.0011I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:55	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 21:55	J
Selenium	**0.0025I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/09/2021 12:58	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 21:55	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 21:55	J
Vanadium	**0.016**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 21:55	J
METALS (SW-846 7470A)								
Mercury	**0.00013**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:35	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516031 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-64 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 06:36	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 06:36	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 06:36	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 06:36	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:36	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 06:36	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:36	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 06:36	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:36	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 06:36	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:36	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 06:36	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:36	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 06:36	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:36	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 06:36	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 06:36	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 06:36	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 06:36	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 06:36	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:36	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:36	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 06:36	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:36	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:36	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516031 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-64 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 06:36	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 06:36	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 06:36	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:36	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 06:36	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 06:36	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 06:36	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 06:36	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 06:36	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 06:36	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 06:36	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 06:36	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 06:36	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:36	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 06:36	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 06:36	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 06:36	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:36	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:36	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 06:36	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 06:36	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 06:36	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.025I**	mg/L	0.03	0.02	1	08/30/2021 14:13	08/30/2021 14:13	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**160**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**9.1**	mg/L	5	2.6	1	08/31/2021 10:20	08/31/2021 10:20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516031 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-64 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.42**	mg/L	0.1	0.092	1	08/28/2021 10:44	08/28/2021 10:44	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	97	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516032 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**205.1**	umhos				08/27/2021 13:15	08/27/2021 13:15	
Dissolved Oxygen	**0.91**	mg/L				08/27/2021 13:15	08/27/2021 13:15	
ORP-2580BW	**99.3**	mV				08/27/2021 13:15	08/27/2021 13:15	
Temperature	**26.4**	°C				08/27/2021 13:15	08/27/2021 13:15	
Turbidity	**1.64**	NTU				08/27/2021 13:15	08/27/2021 13:15	
pH	**5.39**	SU				08/27/2021 13:15	08/27/2021 13:15	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:13	T
Iron	**0.25**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:13	T
Sodium	**3.7**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:13	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:13	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:01	J
Arsenic	**0.0025**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:01	J
Barium	**0.0076**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:01	J
Cadmium	**0.00025I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:01	J
Chromium	**0.00090I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:01	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:01	J
Copper	**0.0032I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:01	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:01	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 22:01	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 22:01	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:01	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:01	J
Vanadium	**0.0054**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:01	J
METALS (SW-846 7470A)								
Mercury	**0.000067I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:37	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516032 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 07:02	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 07:02	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 07:02	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 07:02	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:02	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 07:02	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:02	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:02	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:02	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:02	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:02	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 07:02	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:02	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:02	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:02	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:02	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 07:02	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 07:02	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 07:02	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:02	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:02	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:02	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:02	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:02	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:02	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516032 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:02	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:02	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:02	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:02	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:02	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:02	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:02	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 07:02	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:02	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 07:02	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 07:02	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 07:02	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:02	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:02	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:02	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:02	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 07:02	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:02	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:02	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:02	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:02	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 07:02	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.023I**	mg/L	0.03	0.02	1	08/30/2021 14:14	08/30/2021 14:14	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**170**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**7.3**	mg/L	5	2.6	1	08/31/2021 10:20	08/31/2021 10:20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516032 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.15**	mg/L	0.1	0.092	1	08/28/2021 10:37	08/28/2021 10:37	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	99	86 - 123	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516033 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**244**	umhos				08/27/2021 14:35	08/27/2021 14:35	
Dissolved Oxygen	**1.66**	mg/L				08/27/2021 14:35	08/27/2021 14:35	
ORP-2580BW	**101.7**	mV				08/27/2021 14:35	08/27/2021 14:35	
Temperature	**26**	°C				08/27/2021 14:35	08/27/2021 14:35	
Turbidity	**1.91**	NTU				08/27/2021 14:35	08/27/2021 14:35	
pH	**5.55**	SU				08/27/2021 14:35	08/27/2021 14:35	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:16	T
Iron	0.0067U	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:16	T
Sodium	**3.4**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:16	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:16	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	**0.0038I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:08	J
Arsenic	**0.00048I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:08	J
Barium	**0.0058**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:08	J
Cadmium	**0.0014**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:08	J
Chromium	**0.0011I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:08	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:08	J
Copper	**0.010**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:08	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:08	J
Nickel	**0.0060**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 22:08	J
Selenium	**0.0072**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/09/2021 13:04	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:08	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:08	J
Vanadium	**0.17**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:08	J
METALS (SW-846 7470A)								
Mercury	**0.000065I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:40	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516033 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 07:29	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 07:29	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 07:29	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 07:29	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 07:29	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:29	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:29	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:29	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:29	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:29	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 07:29	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:29	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:29	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:29	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:29	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 07:29	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 07:29	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 07:29	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:29	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:29	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:29	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:29	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:29	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:29	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516033 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:29	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:29	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:29	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:29	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:29	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:29	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:29	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 07:29	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:29	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 07:29	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 07:29	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 07:29	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:29	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:29	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:29	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:29	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 07:29	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:29	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:29	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:29	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:29	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 07:29	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.02U	mg/L	0.03	0.02	1	08/30/2021 14:14	08/30/2021 14:14	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**200**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**6.5**	mg/L	5	2.6	1	08/31/2021 10:23	08/31/2021 10:23	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516033 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-61A **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**1.2**	mg/L	0.1	0.092	1	08/28/2021 10:38	08/28/2021 10:38	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	111	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516034 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-83 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**658**	umhos				08/27/2021 15:24	08/27/2021 15:24	
Dissolved Oxygen	**3.31**	mg/L				08/27/2021 15:24	08/27/2021 15:24	
ORP-2580BW	**100.2**	mV				08/27/2021 15:24	08/27/2021 15:24	
Temperature	**27**	°C				08/27/2021 15:24	08/27/2021 15:24	
Turbidity	**3.8**	NTU				08/27/2021 15:24	08/27/2021 15:24	
pH	**6.22**	SU				08/27/2021 15:24	08/27/2021 15:24	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:25	T
Iron	**0.077I**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:25	T
Sodium	**80**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:25	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:25	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	**0.0024I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:14	J
Arsenic	**0.00068I**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:14	J
Barium	**0.0043**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:14	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:14	J
Chromium	**0.00077I**	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:14	J
Cobalt	**0.0013**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:14	J
Copper	**0.0023I**	mg/L	0.0040	0.0010	1	09/02/2021 07:01	09/02/2021 22:14	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:14	J
Nickel	**0.0081**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 22:14	J
Selenium	**0.0022I**	mg/L	0.0050	0.0012	1	09/02/2021 07:01	09/02/2021 22:14	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/02/2021 07:01	09/02/2021 22:14	J
Thallium	**0.0010**	mg/L	0.0010	0.0002	1	09/02/2021 07:01	09/02/2021 22:14	J
Vanadium	**0.15**	mg/L	0.020	0.0050	5	09/02/2021 07:01	09/09/2021 09:38	J
METALS (SW-846 7470A)								
Mercury	**0.000075I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:43	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516034 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-83 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 07:55	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 07:55	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 07:55	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 07:55	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:55	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 07:55	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:55	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:55	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:55	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:55	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:55	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 07:55	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:55	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:55	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:55	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 07:55	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 07:55	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 07:55	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 07:55	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 07:55	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:55	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:55	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:55	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:55	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:55	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516034 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-83 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 07:55	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 07:55	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:55	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:55	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 07:55	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 07:55	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:55	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 07:55	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 07:55	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 07:55	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 07:55	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 07:55	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 07:55	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:55	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 07:55	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 07:55	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 07:55	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:55	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:55	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 07:55	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 07:55	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 07:55	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**5.1**	mg/L	0.03	0.02	1	08/30/2021 14:15	08/30/2021 14:15	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**420**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**130**	mg/L	25	13	5	08/31/2021 10:42	08/31/2021 10:42	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516034 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: TH-83 **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**3.4**	mg/L	0.5	0.46	5	08/28/2021 10:42	08/28/2021 10:42	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	107	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516035 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:27	T
Iron	0.0067U	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:27	T
Sodium	0.80U	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:27	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:27	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 16:51	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:51	J
Barium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 16:51	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:51	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 16:51	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:51	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 16:51	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 12:16	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 16:51	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 16:51	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 12:16	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 16:02	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 16:51	J
METALS (SW-846 7470A)								
Mercury	0.000011U	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:06	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 08:21	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 08:21	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 08:21	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 08:21	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:21	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516035 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 08:21	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:21	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 08:21	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:21	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 08:21	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:21	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 08:21	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:21	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 08:21	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:21	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:21	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 08:21	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 08:21	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 08:21	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 08:21	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:21	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:21	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 08:21	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:21	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:21	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 08:21	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:21	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 08:21	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:21	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:21	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:21	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 08:21	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516035 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Field Blank **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 08:21	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 08:21	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 08:21	T
Tetrachloroethylene (PCE)	**0.72I**	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 08:21	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 08:21	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 08:21	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:21	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 08:21	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 08:21	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 08:21	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:21	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:21	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:21	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:21	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 08:21	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.02U	mg/L	0.03	0.02	1	08/30/2021 14:22	08/30/2021 14:22	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10U	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	2.6U	mg/L	5	2.6	1	08/31/2021 10:04	08/31/2021 10:04	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	08/28/2021 10:53	08/28/2021 10:53	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	107	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	98	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516036 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:30	T
Iron	**0.10I**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:30	T
Sodium	**86**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:30	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:30	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	**0.0025I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 16:57	J
Arsenic	**0.00074I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:57	J
Barium	**0.0052**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 16:57	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:57	J
Chromium	**0.0010I**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 16:57	J
Cobalt	**0.0014**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 16:57	J
Copper	**0.0022I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 16:57	J
Lead	0.0050U	mg/L	0.020	0.0050	10	09/09/2021 07:10	09/10/2021 12:21	J
Nickel	**0.0077**	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 16:57	J
Selenium	**0.0028I**	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 16:57	J
Silver	0.0050U	mg/L	0.020	0.0050	10	09/09/2021 07:10	09/10/2021 12:21	J
Thallium	**0.0011**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 16:08	J
Vanadium	**0.15**	mg/L	0.020	0.0050	5	09/09/2021 07:10	09/15/2021 10:31	J
METALS (SW-846 7470A)								
Mercury	**0.000066I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:49	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/06/2021 02:12	09/06/2021 08:48	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/06/2021 02:12	09/06/2021 08:48	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/06/2021 02:12	09/06/2021 08:48	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/06/2021 02:12	09/06/2021 08:48	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:48	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516036 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/06/2021 02:12	09/06/2021 08:48	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:48	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 08:48	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:48	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 08:48	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:48	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/06/2021 02:12	09/06/2021 08:48	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:48	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 08:48	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:48	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/06/2021 02:12	09/06/2021 08:48	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/06/2021 02:12	09/06/2021 08:48	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/06/2021 02:12	09/06/2021 08:48	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/06/2021 02:12	09/06/2021 08:48	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/06/2021 02:12	09/06/2021 08:48	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:48	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:48	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 08:48	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:48	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:48	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/06/2021 02:12	09/06/2021 08:48	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/06/2021 02:12	09/06/2021 08:48	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 08:48	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:48	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/06/2021 02:12	09/06/2021 08:48	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/06/2021 02:12	09/06/2021 08:48	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 08:48	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516036 **Date Collected:** 8/27/2021 **Matrix:** Water
Sample ID: Duplicate **Date Received:** 8/27/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/06/2021 02:12	09/06/2021 08:48	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/06/2021 02:12	09/06/2021 08:48	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/06/2021 02:12	09/06/2021 08:48	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/06/2021 02:12	09/06/2021 08:48	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/06/2021 02:12	09/06/2021 08:48	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/06/2021 02:12	09/06/2021 08:48	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:48	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/06/2021 02:12	09/06/2021 08:48	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/06/2021 02:12	09/06/2021 08:48	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/06/2021 02:12	09/06/2021 08:48	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:48	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:48	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/06/2021 02:12	09/06/2021 08:48	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/06/2021 02:12	09/06/2021 08:48	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/06/2021 02:12	09/06/2021 08:48	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**5.2**	mg/L	0.03	0.02	1	08/30/2021 14:23	08/30/2021 14:23	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**400**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**130**	mg/L	25	13	5	08/31/2021 10:43	08/31/2021 10:43	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**3.4**	mg/L	0.5	0.46	5	08/28/2021 10:42	08/28/2021 10:42	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	111	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	96	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	55	109	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	101	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516037 **Date Collected:** 8/31/2021 **Matrix:** Water
Sample ID: TH-66 **Date Received:** 8/31/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**223.3**	umhos				08/31/2021 13:45	08/31/2021 13:45	
Dissolved Oxygen	**0.22**	mg/L				08/31/2021 13:45	08/31/2021 13:45	
ORP-2580BW	**-62**	mV				08/31/2021 13:45	08/31/2021 13:45	
Temperature	**27.2**	°C				08/31/2021 13:45	08/31/2021 13:45	
Turbidity	**0.15**	NTU				08/31/2021 13:45	08/31/2021 13:45	
pH	**5.73**	SU				08/31/2021 13:45	08/31/2021 13:45	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/01/2021 08:45	09/01/2021 15:45	T
Iron	**1.7**	mg/L	0.10	0.0067	1	09/01/2021 08:45	09/01/2021 15:45	T
Sodium	**4.2**	mg/L	1.0	0.80	1	09/01/2021 08:45	09/01/2021 15:45	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/01/2021 08:45	09/01/2021 15:45	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 13:25	J
Arsenic	**0.0035**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/10/2021 13:25	J
Barium	**0.0015I**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:11	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:11	J
Chromium	**0.0012I**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:11	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:11	J
Copper	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 16:14	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:25	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 16:14	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:11	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:25	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 16:14	J
Vanadium	**0.0020I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:11	J
METALS (SW-846 7470A)								
Mercury	**0.000058I**	mg/L	0.0001	0.0000	1	09/02/2021 10:00	09/03/2021 08:57	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516037 **Date Collected:** 8/31/2021 **Matrix:** Water
Sample ID: TH-66 **Date Received:** 8/31/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 19:37	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 19:37	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 19:37	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 19:37	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:37	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 19:37	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:37	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 19:37	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:37	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 19:37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:37	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 19:37	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:37	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 19:37	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:37	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 19:37	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 19:37	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 19:37	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 19:37	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 19:37	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:37	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:37	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 19:37	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:37	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:37	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516037 **Date Collected:** 8/31/2021 **Matrix:** Water
Sample ID: TH-66 **Date Received:** 8/31/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 19:37	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 19:37	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 19:37	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:37	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 19:37	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 19:37	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 19:37	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 19:37	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 19:37	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 19:37	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 19:37	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 19:37	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 19:37	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:37	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 19:37	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 19:37	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 19:37	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:37	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:37	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 19:37	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 19:37	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 19:37	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.28**	mg/L	0.03	0.02	1	09/08/2021 10:48	09/08/2021 10:48	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**110**	mg/L	10	10	1	09/02/2021 14:00	09/02/2021 14:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**8.0**	mg/L	5	2.6	1	09/09/2021 11:02	09/09/2021 11:02	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516037 **Date Collected:** 8/31/2021 **Matrix:** Water
Sample ID: TH-66 **Date Received:** 8/31/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.16**	mg/L	0.1	0.092	1	09/01/2021 13:35	09/01/2021 13:35	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	95	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516038 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-67 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**299**	umhos				09/01/2021 10:20	09/01/2021 10:20	
Dissolved Oxygen	**0.38**	mg/L				09/01/2021 10:20	09/01/2021 10:20	
ORP-2580BW	**15.4**	mV				09/01/2021 10:20	09/01/2021 10:20	
Temperature	**27.8**	°C				09/01/2021 10:20	09/01/2021 10:20	
Turbidity	**0.88**	NTU				09/01/2021 10:20	09/01/2021 10:20	
pH	**6.16**	SU				09/01/2021 10:20	09/01/2021 10:20	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 15:59	T
Iron	**0.49**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 15:59	T
Sodium	**8.4**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 15:59	T
Zinc	**0.072I**	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 15:59	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	**0.0015I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 13:31	J
Arsenic	**0.00084I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 09:54	J
Barium	**0.0034**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:17	J
Cadmium	**0.00033I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:17	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:17	J
Cobalt	**0.00091I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:17	J
Copper	**0.0026I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 09:54	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:31	J
Nickel	**0.0040I**	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 09:54	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:17	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:31	J
Thallium	**0.00030I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 09:54	J
Vanadium	**0.014**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:17	J
METALS (SW-846 7470A)								
Mercury	**0.000014I**	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:09	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516038 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-67 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 20:04	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 20:04	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 20:04	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 20:04	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:04	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 20:04	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:04	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:04	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:04	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:04	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:04	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 20:04	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:04	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:04	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:04	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:04	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 20:04	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 20:04	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 20:04	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:04	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:04	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:04	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:04	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:04	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:04	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516038 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-67 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:04	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:04	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:04	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:04	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:04	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:04	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:04	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 20:04	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:04	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 20:04	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 20:04	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 20:04	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:04	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:04	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:04	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:04	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 20:04	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:04	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:04	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:04	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:04	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 20:04	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.31**	mg/L	0.03	0.02	1	09/08/2021 10:49	09/08/2021 10:49	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**130**	mg/L	10	10	1	09/07/2021 16:00	09/07/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**10**	mg/L	5	2.6	1	09/09/2021 11:02	09/09/2021 11:02	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516038 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-67 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.46U	mg/L	0.5	0.46	5	09/01/2021 17:06	09/01/2021 17:06	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	99	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516039 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-79 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**387**	umhos				09/01/2021 11:11	09/01/2021 11:11	
Dissolved Oxygen	**3.01**	mg/L				09/01/2021 11:11	09/01/2021 11:11	
ORP-2580BW	**-14.8**	mV				09/01/2021 11:11	09/01/2021 11:11	
Temperature	**26.6**	°C				09/01/2021 11:11	09/01/2021 11:11	
Turbidity	**11.3**	NTU				09/01/2021 11:11	09/01/2021 11:11	
pH	**5.66**	SU				09/01/2021 11:11	09/01/2021 11:11	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 16:08	T
Iron	**3.3**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 16:08	T
Sodium	**10**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 16:08	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 16:08	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 13:48	J
Arsenic	**0.00094I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 09:59	J
Barium	**0.010**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:36	J
Cadmium	**0.00027I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:36	J
Chromium	**0.0037**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:36	J
Cobalt	**0.00059I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:36	J
Copper	**0.0020I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 09:59	J
Lead	**0.00068I**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:48	J
Nickel	**0.0029I**	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 09:59	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:36	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/14/2021 09:59	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 09:59	J
Vanadium	**0.0075**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:36	J
METALS (SW-846 7470A)								
Mercury	**0.000032I**	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:12	T

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Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516039 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-79 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 20:30	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 20:30	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 20:30	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 20:30	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:30	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 20:30	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:30	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:30	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:30	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:30	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:30	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 20:30	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:30	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:30	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:30	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:30	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 20:30	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 20:30	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 20:30	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:30	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:30	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:30	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:30	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:30	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:30	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516039 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-79 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:30	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:30	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:30	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:30	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:30	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:30	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:30	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 20:30	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:30	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 20:30	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 20:30	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 20:30	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:30	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:30	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:30	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:30	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 20:30	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:30	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:30	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:30	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:30	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 20:30	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**2.0**	mg/L	0.03	0.02	1	09/08/2021 10:50	09/08/2021 10:50	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**200**	mg/L	10	10	1	09/07/2021 16:00	09/07/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**17**	mg/L	5	2.6	1	09/09/2021 11:03	09/09/2021 11:03	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516039 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: TH-79 **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.46U	mg/L	0.5	0.46	5	09/01/2021 17:07	09/01/2021 17:07	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	53	105	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516040 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Barnes **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**417.2**	umhos				09/01/2021 12:26	09/01/2021 12:26	
Dissolved Oxygen	**0.32**	mg/L				09/01/2021 12:26	09/01/2021 12:26	
ORP-2580BW	**-18.3**	mV				09/01/2021 12:26	09/01/2021 12:26	
Temperature	**24.1**	°C				09/01/2021 12:26	09/01/2021 12:26	
Turbidity	**0.28**	NTU				09/01/2021 12:26	09/01/2021 12:26	
pH	**7.09**	SU				09/01/2021 12:26	09/01/2021 12:26	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 16:11	T
Iron	0.0067U	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 16:11	T
Sodium	**15**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 16:11	T
Zinc	**0.072I**	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 16:11	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 13:54	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/10/2021 13:54	J
Barium	**0.0053**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:42	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:42	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:42	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:42	J
Copper	**0.079**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 10:05	J
Lead	**0.0033**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 13:54	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 10:05	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:42	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/14/2021 10:05	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 10:05	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:42	J
METALS (SW-846 7470A)								
Mercury	**0.000012I**	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:14	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516040 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Barnes **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 20:30	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 20:30	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 20:30	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 20:56	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:56	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 20:56	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:56	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:56	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:56	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:56	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:56	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 20:56	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:56	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:56	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:56	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 20:56	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 20:56	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 20:56	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 20:56	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 20:56	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:56	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:56	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:56	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:56	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:56	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516040 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Barnes **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 20:56	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 20:56	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:56	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:56	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 20:56	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 20:56	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:56	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 20:56	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 20:56	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 20:56	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 20:56	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 20:56	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 20:56	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:56	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 20:56	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 20:56	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 20:56	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:56	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:56	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 20:56	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 20:56	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 20:56	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.32**	mg/L	0.03	0.02	1	09/08/2021 10:51	09/08/2021 10:51	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**210**	mg/L	10	10	1	09/07/2021 16:00	09/07/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**7.6**	mg/L	5	2.6	1	09/09/2021 11:04	09/09/2021 11:04	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516040 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Barnes **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**1.0**	mg/L	0.1	0.092	1	09/01/2021 17:08	09/01/2021 17:08	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	99	86 - 123	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516041 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Holland **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**464.2**	umhos				09/01/2021 11:53	09/01/2021 11:53	
Dissolved Oxygen	**0.23**	mg/L				09/01/2021 11:53	09/01/2021 11:53	
ORP-2580BW	**-170.4**	mV				09/01/2021 11:53	09/01/2021 11:53	
Temperature	**24.3**	°C				09/01/2021 11:53	09/01/2021 11:53	
Turbidity	**1.82**	NTU				09/01/2021 11:53	09/01/2021 11:53	
pH	**6.78**	SU				09/01/2021 11:53	09/01/2021 11:53	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 16:14	T
Iron	**1.7**	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 16:14	T
Sodium	**5.8**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 16:14	T
Zinc	0.050U	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 16:14	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 14:00	J
Arsenic	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/10/2021 14:00	J
Barium	**0.0059**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:48	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:48	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:48	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:48	J
Copper	**0.0087**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 10:10	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 14:00	J
Nickel	**0.0088**	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 10:10	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:48	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/14/2021 10:10	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 10:10	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:48	J
METALS (SW-846 7470A)								
Mercury	**0.000012I**	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:17	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516041 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Holland **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 21:23	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 21:23	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 21:23	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 21:23	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:23	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 21:23	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:23	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 21:23	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:23	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 21:23	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:23	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 21:23	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:23	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 21:23	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:23	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:23	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 21:23	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 21:23	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 21:23	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 21:23	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:23	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:23	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 21:23	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:23	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:23	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516041 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Holland **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 21:23	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:23	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 21:23	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:23	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:23	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:23	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 21:23	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 21:23	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 21:23	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 21:23	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 21:23	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 21:23	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 21:23	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:23	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 21:23	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 21:23	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 21:23	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:23	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:23	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:23	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:23	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 21:23	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.054**	mg/L	0.03	0.02	1	09/08/2021 10:51	09/08/2021 10:51	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**270**	mg/L	10	10	1	09/07/2021 16:00	09/07/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**19**	mg/L	5	2.6	1	09/09/2021 11:06	09/09/2021 11:06	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516041 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Holland **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092U	mg/L	0.1	0.092	1	09/01/2021 17:10	09/01/2021 17:10	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	111	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516042 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Keene **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	**420.7**	umhos				09/01/2021 12:55	09/01/2021 12:55	
Dissolved Oxygen	**0.51**	mg/L				09/01/2021 12:55	09/01/2021 12:55	
ORP-2580BW	**-8.6**	mV				09/01/2021 12:55	09/01/2021 12:55	
Temperature	**25.1**	°C				09/01/2021 12:55	09/01/2021 12:55	
Turbidity	**1.12**	NTU				09/01/2021 12:55	09/01/2021 12:55	
pH	**7.44**	SU				09/01/2021 12:55	09/01/2021 12:55	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020U	mg/L	0.010	0.0020	1	09/03/2021 10:30	09/03/2021 16:17	T
Iron	0.0067U	mg/L	0.10	0.0067	1	09/03/2021 10:30	09/03/2021 16:17	T
Sodium	**6.8**	mg/L	1.0	0.80	1	09/03/2021 10:30	09/03/2021 16:17	T
Zinc	**0.089I**	mg/L	0.10	0.050	1	09/03/2021 10:30	09/03/2021 16:17	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/10/2021 14:05	J
Arsenic	**0.00040I**	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/10/2021 14:05	J
Barium	**0.0041**	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:54	J
Cadmium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:54	J
Chromium	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/09/2021 18:54	J
Cobalt	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/09/2021 18:54	J
Copper	**0.0013I**	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/14/2021 10:15	J
Lead	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/10/2021 14:05	J
Nickel	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/14/2021 10:15	J
Selenium	0.0012U	mg/L	0.0050	0.0012	1	09/09/2021 07:10	09/09/2021 18:54	J
Silver	0.00050U	mg/L	0.0020	0.0005	1	09/09/2021 07:10	09/14/2021 10:15	J
Thallium	0.00025U	mg/L	0.0010	0.0002	1	09/09/2021 07:10	09/14/2021 10:15	J
Vanadium	0.0010U	mg/L	0.0040	0.0010	1	09/09/2021 07:10	09/09/2021 18:54	J
METALS (SW-846 7470A)								
Mercury	**0.000013I**	mg/L	0.0001	0.0000	1	09/07/2021 10:00	09/07/2021 13:20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516042 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Keene **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 21:49	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 21:49	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 21:49	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 21:49	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:49	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 21:49	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:49	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 21:49	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:49	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 21:49	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:49	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 21:49	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:49	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 21:49	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:49	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 21:49	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 21:49	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 21:49	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 21:49	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 21:49	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:49	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:49	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 21:49	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:49	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:49	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516042 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Keene **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 21:49	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 21:49	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 21:49	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:49	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 21:49	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 21:49	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 21:49	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 21:49	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 21:49	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 21:49	T
Tetrachloroethylene (PCE)	**0.48I**	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 21:49	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 21:49	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 21:49	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:49	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 21:49	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 21:49	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 21:49	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:49	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:49	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 21:49	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 21:49	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 21:49	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	**0.12**	mg/L	0.03	0.02	1	09/08/2021 10:52	09/08/2021 10:52	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	**240**	mg/L	10	10	1	09/07/2021 16:00	09/07/2021 16:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	**15**	mg/L	5	2.6	1	09/09/2021 11:07	09/09/2021 11:07	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516042 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Keene **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	**0.49**	mg/L	0.1	0.092	1	09/01/2021 17:11	09/01/2021 17:11	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516043 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015U	ug/L	0.020	0.015	1	09/05/2021 13:28	09/05/2021 22:15	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	1	09/05/2021 13:28	09/05/2021 22:15	T
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	1	09/05/2021 13:28	09/05/2021 22:15	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	1	09/05/2021 13:28	09/05/2021 22:15	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 22:15	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	1	09/05/2021 13:28	09/05/2021 22:15	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 22:15	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 22:15	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 22:15	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 22:15	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 22:15	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	1	09/05/2021 13:28	09/05/2021 22:15	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 22:15	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 22:15	T
2-Hexanone	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 22:15	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	1	09/05/2021 13:28	09/05/2021 22:15	T
Acetone	0.90U	ug/L	2.0	0.90	1	09/05/2021 13:28	09/05/2021 22:15	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	1	09/05/2021 13:28	09/05/2021 22:15	T
Benzene	0.28U	ug/L	1.0	0.28	1	09/05/2021 13:28	09/05/2021 22:15	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	1	09/05/2021 13:28	09/05/2021 22:15	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 22:15	T
Bromoform	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 22:15	T
Bromomethane	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 22:15	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 22:15	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 22:15	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Lab ID: T2115516043 **Date Collected:** 9/1/2021 **Matrix:** Water
Sample ID: Trip Blank **Date Received:** 9/1/2021

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38U	ug/L	1.0	0.38	1	09/05/2021 13:28	09/05/2021 22:15	T
Chloroethane	0.42U	ug/L	1.0	0.42	1	09/05/2021 13:28	09/05/2021 22:15	T
Chloroform	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 22:15	T
Chloromethane	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 22:15	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	1	09/05/2021 13:28	09/05/2021 22:15	T
Dibromomethane	0.41U	ug/L	1.0	0.41	1	09/05/2021 13:28	09/05/2021 22:15	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 22:15	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	1	09/05/2021 13:28	09/05/2021 22:15	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	1	09/05/2021 13:28	09/05/2021 22:15	T
Styrene	0.29U	ug/L	1.0	0.29	1	09/05/2021 13:28	09/05/2021 22:15	T
Tetrachloroethylene (PCE)	**1.7**	ug/L	1.0	0.45	1	09/05/2021 13:28	09/05/2021 22:15	T
Toluene	0.66U	ug/L	1.0	0.66	1	09/05/2021 13:28	09/05/2021 22:15	T
Trichloroethene	0.32U	ug/L	1.0	0.32	1	09/05/2021 13:28	09/05/2021 22:15	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 22:15	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	1	09/05/2021 13:28	09/05/2021 22:15	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	1	09/05/2021 13:28	09/05/2021 22:15	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	1	09/05/2021 13:28	09/05/2021 22:15	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 22:15	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 22:15	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	1	09/05/2021 13:28	09/05/2021 22:15	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	1	09/05/2021 13:28	09/05/2021 22:15	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	1	09/05/2021 13:28	09/05/2021 22:15	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	109	70 - 128	T
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	50	99	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: CVAt/1323 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015, T2115516017, T2115516018

Matrix Spike (4011898); Matrix Spike Duplicate (4011899)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	**77**	80 - 120	0	**77**	0	20	T

Method Blank(4011896)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011U	mg/L	0.00010	0.000011	T

Lab Control Sample (4011897)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	102	80 - 120	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: CVAt/1326 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025, T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036, T2115516037

Method Blank(4012875)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011U	mg/L	0.00010	0.000011	T

Lab Control Sample (4012876)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	101	80 - 120	T

Matrix Spike (4012877); Matrix Spike Duplicate (4012878)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	90	80 - 120	0	89	0	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: CVAt/1329 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2115516035, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4015996)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011U	mg/L	0.00010	0.000011	T

Lab Control Sample (4015997)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	101	80 - 120	T

Matrix Spike (4015998); Matrix Spike Duplicate (4015999)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	113	80 - 120	0	113	0	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICMj/1426 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015

Method Blank(4007478)

Parameter	Results	Units	PQL	MDL	Lab
Vanadium	0.0010U	mg/L	0.0040	0.0010	J
Chromium	0.00050U	mg/L	0.0020	0.00050	J
Cobalt	0.00025U	mg/L	0.0010	0.00025	J
Nickel	0.0012U	mg/L	0.0050	0.0012	J
Copper	0.0010U	mg/L	0.0040	0.0010	J
Arsenic	0.00025U	mg/L	0.0010	0.00025	J
Selenium	0.0012U	mg/L	0.0050	0.0012	J
Silver	0.00050U	mg/L	0.0020	0.00050	J
Cadmium	0.00025U	mg/L	0.0010	0.00025	J
Antimony	0.0010U	mg/L	0.0040	0.0010	J
Barium	0.00050U	mg/L	0.0020	0.00050	J
Thallium	0.00025U	mg/L	0.0010	0.00025	J
Lead	0.00050U	mg/L	0.0020	0.00050	J

Lab Control Sample (4007479)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Vanadium	mg/L	0.02	.02	98	80 - 120	J
Chromium	mg/L	0.02	.02	98	80 - 120	J
Cobalt	mg/L	0.02	.02	109	80 - 120	J
Nickel	mg/L	0.02	.02	105	80 - 120	J
Copper	mg/L	0.02	.02	106	80 - 120	J
Arsenic	mg/L	0.02	.02	105	80 - 120	J
Selenium	mg/L	0.02	.02	105	80 - 120	J
Silver	mg/L	0.02	.02	104	80 - 120	J
Cadmium	mg/L	0.02	.02	108	80 - 120	J
Antimony	mg/L	0.02	.02	85	80 - 120	J
Barium	mg/L	0.02	.02	105	80 - 120	J
Thallium	mg/L	0.02	.02	104	80 - 120	J
Lead	mg/L	0.02	.02	105	80 - 120	J

Matrix Spike (4007480); Matrix Spike Duplicate (4007481)

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: ICMj/1426 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.04	91	75 - 125	.04	97	3	20	J
Chromium	mg/L	0.02	.02	97	75 - 125	.02	101	4	20	J
Cobalt	mg/L	0.02	.02	106	75 - 125	.02	108	2	20	J
Nickel	mg/L	0.02	.02	107	75 - 125	.02	106	0	20	J
Copper	mg/L	0.02	.02	101	75 - 125	.02	104	3	20	J
Arsenic	mg/L	0.02	.02	104	75 - 125	.02	107	2	20	J
Selenium	mg/L	0.02	.02	107	75 - 125	.02	114	6	20	J
Silver	mg/L	0.02	.02	101	75 - 125	.02	103	1	20	J
Cadmium	mg/L	0.02	.02	106	75 - 125	.02	108	1	20	J
Antimony	mg/L	0.02	.02	122	75 - 125	.03	**126**	3	20	J
Barium	mg/L	0.02	.03	103	75 - 125	.03	106	2	20	J
Thallium	mg/L	0.02	.02	104	75 - 125	.02	104	1	20	J
Lead	mg/L	0.02	.02	106	75 - 125	.02	104	1	20	J

Method Blank(4007478)

Parameter	Results	Units	PQL	MDL	Lab
Vanadium	0.0010U	mg/L	0.0040	0.0010	J
Chromium	0.00050U	mg/L	0.0020	0.00050	J
Cobalt	0.00025U	mg/L	0.0010	0.00025	J
Nickel	0.0012U	mg/L	0.0050	0.0012	J
Copper	0.0010U	mg/L	0.0040	0.0010	J
Arsenic	0.00025U	mg/L	0.0010	0.00025	J
Selenium	0.0012U	mg/L	0.0050	0.0012	J
Silver	0.00050U	mg/L	0.0020	0.00050	J
Cadmium	0.00025U	mg/L	0.0010	0.00025	J
Antimony	0.0010U	mg/L	0.0040	0.0010	J
Barium	0.00050U	mg/L	0.0020	0.00050	J
Thallium	0.00025U	mg/L	0.0010	0.00025	J
Lead	0.00050U	mg/L	0.0020	0.00050	J

Lab Control Sample (4007479)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Vanadium	mg/L	0.02	.02	98	80 - 120	J
Chromium	mg/L	0.02	.02	98	80 - 120	J

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: ICMj/1426 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Cobalt	mg/L	0.02	.02	109	80 - 120	J
Nickel	mg/L	0.02	.02	105	80 - 120	J
Copper	mg/L	0.02	.02	106	80 - 120	J
Arsenic	mg/L	0.02	.02	105	80 - 120	J
Selenium	mg/L	0.02	.02	105	80 - 120	J
Silver	mg/L	0.02	.02	104	80 - 120	J
Cadmium	mg/L	0.02	.02	108	80 - 120	J
Antimony	mg/L	0.02	.02	85	80 - 120	J
Barium	mg/L	0.02	.02	105	80 - 120	J
Thallium	mg/L	0.02	.02	104	80 - 120	J
Lead	mg/L	0.02	.02	105	80 - 120	J

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICMj/1435 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025, T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034

Method Blank(4011715)

Parameter	Results	Units	PQL	MDL	Lab
Vanadium	0.0010U	mg/L	0.0040	0.0010	J
Chromium	0.00050U	mg/L	0.0020	0.00050	J
Cobalt	0.00025U	mg/L	0.0010	0.00025	J
Nickel	0.0012U	mg/L	0.0050	0.0012	J
Copper	0.0010U	mg/L	0.0040	0.0010	J
Arsenic	0.00025U	mg/L	0.0010	0.00025	J
Selenium	0.0012U	mg/L	0.0050	0.0012	J
Silver	0.00050U	mg/L	0.0020	0.00050	J
Cadmium	0.00025U	mg/L	0.0010	0.00025	J
Antimony	0.0010U	mg/L	0.0040	0.0010	J
Barium	0.00050U	mg/L	0.0020	0.00050	J
Thallium	0.00025U	mg/L	0.0010	0.00025	J
Lead	0.00050U	mg/L	0.0020	0.00050	J

Lab Control Sample (4011716)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Vanadium	mg/L	0.02	.02	100	80 - 120	J
Chromium	mg/L	0.02	.02	100	80 - 120	J
Cobalt	mg/L	0.02	.02	102	80 - 120	J
Nickel	mg/L	0.02	.02	103	80 - 120	J
Copper	mg/L	0.02	.02	100	80 - 120	J
Arsenic	mg/L	0.02	.02	104	80 - 120	J
Selenium	mg/L	0.02	.02	102	80 - 120	J
Silver	mg/L	0.02	.02	100	80 - 120	J
Cadmium	mg/L	0.02	.02	103	80 - 120	J
Antimony	mg/L	0.02	.02	90	80 - 120	J
Barium	mg/L	0.02	.02	107	80 - 120	J
Thallium	mg/L	0.02	.02	105	80 - 120	J
Lead	mg/L	0.02	.02	106	80 - 120	J

Matrix Spike (4011717); Matrix Spike Duplicate (4011718)

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: ICMj/1435 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025, T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	91	75 - 125	.02	91	0	20	J
Chromium	mg/L	0.02	.02	83	75 - 125	.02	82	0	20	J
Cobalt	mg/L	0.02	.02	97	75 - 125	.02	97	0	20	J
Nickel	mg/L	0.02	.04	90	75 - 125	.04	90	0	20	J
Copper	mg/L	0.02	.02	95	75 - 125	.02	112	16	20	J
Arsenic	mg/L	0.02	.03	100	75 - 125	.03	103	2	20	J
Selenium	mg/L	0.02	.02	100	75 - 125	.02	100	0	20	J
Silver	mg/L	0.02	.02	86	75 - 125	.02	86	0	20	J
Cadmium	mg/L	0.02	.02	92	75 - 125	.02	92	1	20	J
Antimony	mg/L	0.02	.02	97	75 - 125	.02	97	0	20	J
Barium	mg/L	0.02	.03	101	75 - 125	.03	116	10	20	J
Thallium	mg/L	0.02	.02	100	75 - 125	.02	106	5	20	J
Lead	mg/L	0.02	.02	107	75 - 125	.03	**162**	**41**	20	J

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICMj/1446 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516035, T2115516036, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4015623)

Parameter	Results	Units	PQL	MDL	Lab
Vanadium	0.0010U	mg/L	0.0040	0.0010	J
Chromium	0.00050U	mg/L	0.0020	0.00050	J
Cobalt	0.00025U	mg/L	0.0010	0.00025	J
Nickel	0.0012U	mg/L	0.0050	0.0012	J
Copper	0.0010U	mg/L	0.0040	0.0010	J
Arsenic	0.00025U	mg/L	0.0010	0.00025	J
Selenium	0.0012U	mg/L	0.0050	0.0012	J
Silver	0.00050U	mg/L	0.0020	0.00050	J
Cadmium	0.00025U	mg/L	0.0010	0.00025	J
Antimony	0.0010U	mg/L	0.0040	0.0010	J
Barium	0.00050U	mg/L	0.0020	0.00050	J
Thallium	0.00025U	mg/L	0.0010	0.00025	J
Lead	0.00050U	mg/L	0.0020	0.00050	J

Lab Control Sample (4015624)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Vanadium	mg/L	0.02	.02	101	80 - 120	J
Chromium	mg/L	0.02	.02	100	80 - 120	J
Cobalt	mg/L	0.02	.02	102	80 - 120	J
Nickel	mg/L	0.02	.02	96	80 - 120	J
Copper	mg/L	0.02	.02	96	80 - 120	J
Arsenic	mg/L	0.02	.02	101	80 - 120	J
Selenium	mg/L	0.02	.02	98	80 - 120	J
Silver	mg/L	0.02	.02	89	80 - 120	J
Cadmium	mg/L	0.02	.02	104	80 - 120	J
Antimony	mg/L	0.02	.02	91	80 - 120	J
Barium	mg/L	0.02	.02	107	80 - 120	J
Thallium	mg/L	0.02	.02	94	80 - 120	J
Lead	mg/L	0.02	.02	94	80 - 120	J

Matrix Spike (4015625); Matrix Spike Duplicate (4015626)

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: ICMj/1446 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516035, T2115516036, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.04	95	75 - 125	.04	99	2	20	J
Chromium	mg/L	0.02	.03	97	75 - 125	.03	103	4	20	J
Cobalt	mg/L	0.02	.02	93	75 - 125	.02	94	1	20	J
Nickel	mg/L	0.02	.03	89	75 - 125	.03	91	1	20	J
Copper	mg/L	0.02	.02	90	75 - 125	.02	99	8	20	J
Arsenic	mg/L	0.02	.02	87	75 - 125	.02	88	2	20	J
Selenium	mg/L	0.02	.02	81	75 - 125	.02	87	7	20	J
Silver	mg/L	0.02	.02	85	75 - 125	.02	84	1	20	J
Cadmium	mg/L	0.02	.02	99	75 - 125	.02	99	1	20	J
Antimony	mg/L	0.02	.01	**60**	75 - 125	.01	**56**	6	20	J
Barium	mg/L	0.02	.09	**135**	75 - 125	.09	**134**	0	20	J
Thallium	mg/L	0.02	.02	94	75 - 125	.02	96	2	20	J
Lead	mg/L	0.02	.03	101	75 - 125	.03	110	6	20	J

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICPt/1808 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011

Method Blank(4004952)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020U	mg/L	0.010	0.0020	T
Iron	0.0067U	mg/L	0.10	0.0067	T
Sodium	0.80U	mg/L	1.0	0.80	T
Zinc	0.050U	mg/L	0.10	0.050	T

Lab Control Sample (4004953)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1.1	110	80 - 120	T
Iron	mg/L	1	1.1	109	80 - 120	T
Sodium	mg/L	10	11	110	80 - 120	T
Zinc	mg/L	1	1.1	107	80 - 120	T

Matrix Spike (4004954); Matrix Spike Duplicate (4004955)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1.1	106	75 - 125	1.1	113	7	20	T
Iron	mg/L	1	1.1	104	75 - 125	1.2	111	6	20	T
Sodium	mg/L	10	15	97	75 - 125	16	108	7	20	T
Zinc	mg/L	1	1	104	75 - 125	1.1	110	6	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICPt/1814 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516021, T2115516022, T2115516024, T2115516025

Method Blank(4007563)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020U	mg/L	0.010	0.0020	T
Iron	0.0067U	mg/L	0.10	0.0067	T
Sodium	0.80U	mg/L	1.0	0.80	T
Zinc	0.050U	mg/L	0.10	0.050	T

Lab Control Sample (4007564)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1.1	106	80 - 120	T
Iron	mg/L	1	1.1	111	80 - 120	T
Sodium	mg/L	10	10	104	80 - 120	T
Zinc	mg/L	1	1	101	80 - 120	T

Matrix Spike (4007565); Matrix Spike Duplicate (4007566)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1.1	109	75 - 125	1.1	109	0	20	T
Iron	mg/L	1	1.2	111	75 - 125	1.3	112	1	20	T
Sodium	mg/L	10	100	**140**	75 - 125	100	**145**	1	20	T
Zinc	mg/L	1	1	101	75 - 125	1	100	0	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICPt/1827 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036, T2115516037

Method Blank(4010659)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020U	mg/L	0.010	0.0020	T
Iron	0.0067U	mg/L	0.10	0.0067	T
Sodium	0.80U	mg/L	1.0	0.80	T
Zinc	0.050U	mg/L	0.10	0.050	T

Lab Control Sample (4010660)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1	104	80 - 120	T
Iron	mg/L	1	1.1	108	80 - 120	T
Sodium	mg/L	10	10	100	80 - 120	T
Zinc	mg/L	1	1	105	80 - 120	T

Matrix Spike (4010661); Matrix Spike Duplicate (4010662)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1	104	75 - 125	1	104	0	20	T
Iron	mg/L	1	4	114	75 - 125	4	114	0	20	T
Sodium	mg/L	10	18	102	75 - 125	18	101	0	20	T
Zinc	mg/L	1	1	104	75 - 125	1	104	0	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: ICPt/1837 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2115516013, T2115516014, T2115516015, T2115516017, T2115516018, T2115516019, T2115516020, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Matrix Spike (4014328); Matrix Spike Duplicate (4014329)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1.1	107	75 - 125	1.1	107	1	20	T
Iron	mg/L	1	1.1	107	75 - 125	1.1	107	0	20	T
Sodium	mg/L	10	13	103	75 - 125	13	104	0	20	T
Zinc	mg/L	1	1	104	75 - 125	1	105	0	20	T

Method Blank(4014326)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020U	mg/L	0.010	0.0020	T
Iron	0.0067U	mg/L	0.10	0.0067	T
Sodium	0.80U	mg/L	1.0	0.80	T
Zinc	0.050U	mg/L	0.10	0.050	T

Lab Control Sample (4014327)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	.98	98	80 - 120	T
Iron	mg/L	1	1	100	80 - 120	T
Sodium	mg/L	10	9.5	95	80 - 120	T
Zinc	mg/L	1	.98	98	80 - 120	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MICt/2341 **Analysis Method:** SM 9222D
Preparation Method: SM 9222D
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007

Pre-Blank(4001260)

Parameter	Results	Units	PQL	MDL	Lab
Coliform Fecal	1U	#/100 mL	1	1	T

Sample Duplicate (4001263)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Coliform Fecal	20	0	#/100 mL	200		T

Post-Blank(4001272)

Parameter	Results	Units	PQL	MDL	Lab
Coliform Fecal	1U	#/100 mL	1	1	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2510 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Method Blank(4007982)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.39U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	T
Bromomethane	0.32U	ug/L	1.0	0.32	T
Chloroethane	0.42U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	T
Acetone	0.90U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	T
Chloroform	0.37U	ug/L	1.0	0.37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	T
Benzene	0.28U	ug/L	1.0	0.28	T
Dibromomethane	0.41U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	T
Trichloroethene	0.32U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	T
Toluene	0.66U	ug/L	1.0	0.66	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2510 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.42U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	T
Bromoform	0.36U	ug/L	1.0	0.36	T
Styrene	0.29U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	
Bromofluorobenzene (S)	ug/L	50	49	97	86 - 123	
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	

Lab Control Sample (4007983); Lab Control Sample Duplicate (4007984)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	15	74				18		T
Vinyl Chloride	ug/L	20	16	80	70 - 130			17	20	T
Bromomethane	ug/L	20	6.9	35				44		T
Chloroethane	ug/L	20	18	90				16		T
Trichlorofluoromethane	ug/L	20	17	86				16		T
Acetone	ug/L	20	16	82				14		T
1,1-Dichloroethylene	ug/L	20	16	82	70 - 130			14	20	T
Iodomethane (Methyl Iodid	ug/L	20	7.7	39				42		T
Acrylonitrile	ug/L	20	16	81				18		T
Methylene Chloride	ug/L	20	16	82				17		T
Carbon Disulfide	ug/L	20	17	84				17		T
trans-1,2-Dichloroethylene	ug/L	20	16	82				16		T
1,1-Dichloroethane	ug/L	20	16	82				15		T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2510 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vinyl Acetate	ug/L	20	14	70				12		T
2-Butanone (MEK)	ug/L	20	17	83				13		T
cis-1,2-Dichloroethylene	ug/L	20	16	80	70 - 130			17	20	T
Bromochloromethane	ug/L	20	17	84				20		T
Chloroform	ug/L	20	16	82	70 - 130			16	20	T
1,2-Dichloroethane	ug/L	20	16	81				17		T
1,1,1-Trichloroethane	ug/L	20	16	82				14		T
Carbon Tetrachloride	ug/L	20	16	82				15		T
Benzene	ug/L	20	17	87	70 - 130			15	20	T
Dibromomethane	ug/L	20	16	82				13		T
1,2-Dichloropropane	ug/L	20	17	84				14		T
Trichloroethene	ug/L	20	17	84	70 - 130			15	20	T
Bromodichloromethane	ug/L	20	16	81				17		T
cis-1,3-Dichloropropene	ug/L	20	16	81				17		T
4-Methyl-2-pentanone (MIB	ug/L	20	17	85				16		T
trans-1,3-Dichloropropylene	ug/L	20	16	79				16		T
1,1,2-Trichloroethane	ug/L	20	16	81				14		T
Toluene	ug/L	20	17	85	70 - 130			17	20	T
2-Hexanone	ug/L	20	17	87				16		T
Dibromochloromethane	ug/L	20	17	84				15		T
Tetrachloroethylene (PCE)	ug/L	20	17	87	70 - 130			14	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	17	84				19		T
Chlorobenzene	ug/L	20	17	85	70 - 130			18	20	T
Ethylbenzene	ug/L	20	17	87	70 - 130			16	20	T
Bromoform	ug/L	20	16	81				18		T
Styrene	ug/L	20	17	86				18		T
1,1,2,2-Tetrachloroethane	ug/L	20	16	80				16		T
1,4-Dichlorobenzene	ug/L	20	16	80				17		T
1,2-Dichlorobenzene	ug/L	20	16	78	70 - 130			18	20	T
Xylene (Total)	ug/L	60	51	86	70 - 130			18	20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2510 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 128	49	97	1		
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	45	91	2		
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	51	102	0		

Matrix Spike (4007985)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	19	93		T
Vinyl Chloride	ug/L	20	20	99	70 - 130	T
Bromomethane	ug/L	20	13	64		T
Chloroethane	ug/L	20	21	106		T
Trichlorofluoromethane	ug/L	20	21	104		T
Acetone	ug/L	20	28	39		T
1,1-Dichloroethylene	ug/L	20	20	100	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	14	71		T
Acrylonitrile	ug/L	20	20	98		T
Methylene Chloride	ug/L	20	18	89		T
Carbon Disulfide	ug/L	20	21	103		T
trans-1,2-Dichloroethylene	ug/L	20	20	101		T
1,1-Dichloroethane	ug/L	20	20	100		T
Vinyl Acetate	ug/L	20	22	110		T
2-Butanone (MEK)	ug/L	20	20	98		T
cis-1,2-Dichloroethylene	ug/L	20	20	100	70 - 130	T
Bromochloromethane	ug/L	20	22	108		T
Chloroform	ug/L	20	20	101	70 - 130	T
1,2-Dichloroethane	ug/L	20	20	99		T
1,1,1-Trichloroethane	ug/L	20	20	99		T
Carbon Tetrachloride	ug/L	20	20	100		T
Benzene	ug/L	20	21	107	70 - 130	T
Dibromomethane	ug/L	20	20	99		T
1,2-Dichloropropane	ug/L	20	21	104		T
Trichloroethene	ug/L	20	20	100	70 - 130	T
Bromodichloromethane	ug/L	20	20	101		T
cis-1,3-Dichloropropene	ug/L	20	20	102		T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2510 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	20	100		T
trans-1,3-Dichloropropylene	ug/L	20	19	97		T
1,1,2-Trichloroethane	ug/L	20	20	98		T
Toluene	ug/L	20	21	105	70 - 130	T
2-Hexanone	ug/L	20	20	102		T
Dibromochloromethane	ug/L	20	20	100		T
Tetrachloroethylene (PCE)	ug/L	20	21	106	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	21	105		T
Chlorobenzene	ug/L	20	21	105	70 - 130	T
Ethylbenzene	ug/L	20	21	105	70 - 130	T
Bromoform	ug/L	20	20	99		T
Styrene	ug/L	20	21	104		T
1,1,2,2-Tetrachloroethane	ug/L	20	20	99		T
1,4-Dichlorobenzene	ug/L	20	20	98		T
1,2-Dichlorobenzene	ug/L	20	19	96	70 - 130	T
Xylene (Total)	ug/L	60	62	104	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	
Bromofluorobenzene (S)	ug/L	50	46	91	86 - 123	
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2512 **Analysis Method:** SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516001, T2115516002, T2115516003, T2115516004, T2115516005

Method Blank(4007990)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 130	
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	
Toluene-d8 (S)	ug/L	50	50	101	70 - 130	

Lab Control Sample (4007991); Lab Control Sample Duplicate (4007992)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.81	101	70 - 130			0	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.79	99	70 - 130			1	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	48	96	3		
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	51	102	0		
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	50	101	2		

Matrix Spike (4007993)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.83	103	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.85	106	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 130	
Bromofluorobenzene (S)	ug/L	50	51	101	70 - 130	
Toluene-d8 (S)	ug/L	50	51	102	70 - 130	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2524 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Method Blank(4009336)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.39U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	T
Bromomethane	0.32U	ug/L	1.0	0.32	T
Chloroethane	0.42U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	T
Acetone	0.90U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	T
Chloroform	0.37U	ug/L	1.0	0.37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	T
Benzene	0.28U	ug/L	1.0	0.28	T
Dibromomethane	0.41U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	T
Trichloroethene	0.32U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	T
Toluene	0.66U	ug/L	1.0	0.66	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2524 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.42U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	T
Bromoform	0.36U	ug/L	1.0	0.36	T
Styrene	0.29U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	

Lab Control Sample (4009337); Lab Control Sample Duplicate (4009338)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	15	77				13		T
Vinyl Chloride	ug/L	20	17	83	70 - 130			11	20	T
Bromomethane	ug/L	20	9	45				24		T
Chloroethane	ug/L	20	17	84				11		T
Trichlorofluoromethane	ug/L	20	18	88				14		T
Acetone	ug/L	20	21	107				6		T
1,1-Dichloroethylene	ug/L	20	18	91	70 - 130			9	20	T
Iodomethane (Methyl Iodid	ug/L	20	9.5	47				23		T
Acrylonitrile	ug/L	20	19	96				11		T
Methylene Chloride	ug/L	20	18	89				9		T
Carbon Disulfide	ug/L	20	19	94				8		T
trans-1,2-Dichloroethylene	ug/L	20	18	91				9		T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2524 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,1-Dichloroethane	ug/L	20	18	91				7		T
Vinyl Acetate	ug/L	20	19	94				13		T
2-Butanone (MEK)	ug/L	20	21	104				9		T
cis-1,2-Dichloroethylene	ug/L	20	18	90	70 - 130			8	20	T
Bromochloromethane	ug/L	20	19	95				8		T
Chloroform	ug/L	20	18	91	70 - 130			9	20	T
1,2-Dichloroethane	ug/L	20	18	92				9		T
1,1,1-Trichloroethane	ug/L	20	18	88				6		T
Carbon Tetrachloride	ug/L	20	18	90				6		T
Benzene	ug/L	20	19	93	70 - 130			6	20	T
Dibromomethane	ug/L	20	18	90				8		T
1,2-Dichloropropane	ug/L	20	18	92				6		T
Trichloroethene	ug/L	20	18	91	70 - 130			6	20	T
Bromodichloromethane	ug/L	20	18	91				9		T
cis-1,3-Dichloropropene	ug/L	20	18	91				8		T
4-Methyl-2-pentanone (MIB	ug/L	20	21	105				9		T
trans-1,3-Dichloropropylene	ug/L	20	18	90				8		T
1,1,2-Trichloroethane	ug/L	20	19	95				10		T
Toluene	ug/L	20	18	91	70 - 130			10	20	T
2-Hexanone	ug/L	20	22	109				13		T
Dibromochloromethane	ug/L	20	18	92				9		T
Tetrachloroethylene (PCE)	ug/L	20	19	96	70 - 130			13	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	19	93				9		T
Chlorobenzene	ug/L	20	19	95	70 - 130			9	20	T
Ethylbenzene	ug/L	20	19	93	70 - 130			11	20	T
Bromoform	ug/L	20	19	95				9		T
Styrene	ug/L	20	19	95				10		T
1,1,2,2-Tetrachloroethane	ug/L	20	19	97				12		T
1,4-Dichlorobenzene	ug/L	20	18	90				8		T
1,2-Dichlorobenzene	ug/L	20	19	93	70 - 130			8	20	T
Xylene (Total)	ug/L	60	55	92	70 - 130			10	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2524 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	50	101	0		
Bromofluorobenzene (S)	ug/L	50	45	90	86 - 123	45	89	0		
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	49	97	3		

Matrix Spike (4009339)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	18	91		T
Vinyl Chloride	ug/L	20	19	94	70 - 130	T
Bromomethane	ug/L	20	13	67		T
Chloroethane	ug/L	20	19	96		T
Trichlorofluoromethane	ug/L	20	20	100		T
Acetone	ug/L	20	22	112		T
1,1-Dichloroethylene	ug/L	20	19	94	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	14	69		T
Acrylonitrile	ug/L	20	20	98		T
Methylene Chloride	ug/L	20	18	90		T
Carbon Disulfide	ug/L	20	19	95		T
trans-1,2-Dichloroethylene	ug/L	20	18	92		T
1,1-Dichloroethane	ug/L	20	18	92		T
Vinyl Acetate	ug/L	20	18	91		T
2-Butanone (MEK)	ug/L	20	22	108		T
cis-1,2-Dichloroethylene	ug/L	20	19	93	70 - 130	T
Bromochloromethane	ug/L	20	19	96		T
Chloroform	ug/L	20	19	93	70 - 130	T
1,2-Dichloroethane	ug/L	20	19	93		T
1,1,1-Trichloroethane	ug/L	20	18	90		T
Carbon Tetrachloride	ug/L	20	19	94		T
Benzene	ug/L	20	19	95	70 - 130	T
Dibromomethane	ug/L	20	19	94		T
1,2-Dichloropropane	ug/L	20	19	94		T
Trichloroethene	ug/L	20	18	92	70 - 130	T
Bromodichloromethane	ug/L	20	18	92		T
cis-1,3-Dichloropropene	ug/L	20	18	92		T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2524 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	22	110		T
trans-1,3-Dichloropropylene	ug/L	20	18	92		T
1,1,2-Trichloroethane	ug/L	20	19	94		T
Toluene	ug/L	20	19	93	70 - 130	T
2-Hexanone	ug/L	20	23	114		T
Dibromochloromethane	ug/L	20	19	94		T
Tetrachloroethylene (PCE)	ug/L	20	19	94	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	19	93		T
Chlorobenzene	ug/L	20	19	96	70 - 130	T
Ethylbenzene	ug/L	20	19	95	70 - 130	T
Bromoform	ug/L	20	20	98		T
Styrene	ug/L	20	19	96		T
1,1,2,2-Tetrachloroethane	ug/L	20	20	98		T
1,4-Dichlorobenzene	ug/L	20	18	90		T
1,2-Dichlorobenzene	ug/L	20	18	90	70 - 130	T
Xylene (Total)	ug/L	60	56	93	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	
Bromofluorobenzene (S)	ug/L	50	45	89	86 - 123	
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2526 **Analysis Method:** SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516006, T2115516007, T2115516008, T2115516009, T2115516010, T2115516011, T2115516012, T2115516013, T2115516014, T2115516015, T2115516016, T2115516017, T2115516018, T2115516019

Method Blank(4009342)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	
Bromofluorobenzene (S)	ug/L	50	51	102	70 - 130	
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	

Lab Control Sample (4009343); Lab Control Sample Duplicate (4009344)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.72	90	70 - 130			0	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.73	91	70 - 130			9	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	105	70 - 130	51	103	2		
Bromofluorobenzene (S)	ug/L	50	56	112	70 - 130	48	97	14		
Toluene-d8 (S)	ug/L	50	56	112	70 - 130	49	98	13		

Matrix Spike (4009345)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.76	95	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.81	101	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 130	
Bromofluorobenzene (S)	ug/L	50	48	97	70 - 130	
Toluene-d8 (S)	ug/L	50	49	99	70 - 130	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2573 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Method Blank(4016578)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.39U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	T
Bromomethane	0.32U	ug/L	1.0	0.32	T
Chloroethane	0.42U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	T
Acetone	0.90U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	T
Chloroform	0.37U	ug/L	1.0	0.37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	T
Benzene	0.28U	ug/L	1.0	0.28	T
Dibromomethane	0.41U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	T
Trichloroethene	0.32U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	T
Toluene	0.66U	ug/L	1.0	0.66	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2573 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.42U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	T
Bromoform	0.36U	ug/L	1.0	0.36	T
Styrene	0.29U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	109	70 - 128	
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	
Toluene-d8 (S)	ug/L	50	52	103	77 - 119	

Lab Control Sample (4016579); Lab Control Sample Duplicate (4016580)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	17	86				2		T
Vinyl Chloride	ug/L	20	18	92	70 - 130			2	20	T
Bromomethane	ug/L	20	10	51				22		T
Chloroethane	ug/L	20	20	102				2		T
Trichlorofluoromethane	ug/L	20	19	96				2		T
Acetone	ug/L	20	20	102				3		T
1,1-Dichloroethylene	ug/L	20	19	93	70 - 130			1	20	T
Iodomethane (Methyl Iodid	ug/L	20	11	54				25		T
Acrylonitrile	ug/L	20	20	99				2		T
Methylene Chloride	ug/L	20	17	87				4		T
Carbon Disulfide	ug/L	20	18	88				2		T
trans-1,2-Dichloroethylene	ug/L	20	19	93				2		T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2573 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,1-Dichloroethane	ug/L	20	19	93				2		T
Vinyl Acetate	ug/L	20	29	145				6		T
2-Butanone (MEK)	ug/L	20	21	105				3		T
cis-1,2-Dichloroethylene	ug/L	20	19	95	70 - 130			2	20	T
Bromochloromethane	ug/L	20	19	93				0		T
Chloroform	ug/L	20	17	87	70 - 130			1	20	T
1,2-Dichloroethane	ug/L	20	18	92				2		T
1,1,1-Trichloroethane	ug/L	20	17	86				5		T
Carbon Tetrachloride	ug/L	20	17	84				2		T
Benzene	ug/L	20	18	91	70 - 130			3	20	T
Dibromomethane	ug/L	20	19	93				1		T
1,2-Dichloropropane	ug/L	20	19	94				3		T
Trichloroethene	ug/L	20	18	90	70 - 130			2	20	T
Bromodichloromethane	ug/L	20	17	84				2		T
cis-1,3-Dichloropropene	ug/L	20	17	85				2		T
4-Methyl-2-pentanone (MIB	ug/L	20	21	103				1		T
trans-1,3-Dichloropropylene	ug/L	20	17	84				3		T
1,1,2-Trichloroethane	ug/L	20	19	95				4		T
Toluene	ug/L	20	18	92	70 - 130			16	20	T
2-Hexanone	ug/L	20	22	110				14		T
Dibromochloromethane	ug/L	20	17	85				12		T
Tetrachloroethylene (PCE)	ug/L	20	18	91	70 - 130			15	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	17	86				18		T
Chlorobenzene	ug/L	20	18	92	70 - 130			16	20	T
Ethylbenzene	ug/L	20	19	93	70 - 130			16	20	T
Bromoform	ug/L	20	16	78				13		T
Styrene	ug/L	20	18	89				16		T
1,1,2,2-Tetrachloroethane	ug/L	20	20	98				16		T
1,4-Dichlorobenzene	ug/L	20	17	86				15		T
1,2-Dichlorobenzene	ug/L	20	17	87	70 - 130			15	20	T
Xylene (Total)	ug/L	60	55	92	70 - 130			15	20	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2573 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	110	70 - 128	44	88	22		
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	47	95	3		
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	50	101	1		

Matrix Spike (4016581)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	21	103		T
Vinyl Chloride	ug/L	20	21	104	70 - 130	T
Bromomethane	ug/L	20	16	78		T
Chloroethane	ug/L	20	23	113		T
Trichlorofluoromethane	ug/L	20	22	109		T
Acetone	ug/L	20	23	115		T
1,1-Dichloroethylene	ug/L	20	22	108	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	16	81		T
Acrylonitrile	ug/L	20	23	116		T
Methylene Chloride	ug/L	20	20	100		T
Carbon Disulfide	ug/L	20	20	99		T
trans-1,2-Dichloroethylene	ug/L	20	21	104		T
1,1-Dichloroethane	ug/L	20	21	103		T
Vinyl Acetate	ug/L	20	31	154		T
2-Butanone (MEK)	ug/L	20	25	123		T
cis-1,2-Dichloroethylene	ug/L	20	21	106	70 - 130	T
Bromochloromethane	ug/L	20	21	107		T
Chloroform	ug/L	20	20	100	70 - 130	T
1,2-Dichloroethane	ug/L	20	21	104		T
1,1,1-Trichloroethane	ug/L	20	19	94		T
Carbon Tetrachloride	ug/L	20	19	95		T
Benzene	ug/L	20	20	101	70 - 130	T
Dibromomethane	ug/L	20	21	105		T
1,2-Dichloropropane	ug/L	20	21	105		T
Trichloroethene	ug/L	20	21	103	70 - 130	T
Bromodichloromethane	ug/L	20	19	96		T
cis-1,3-Dichloropropene	ug/L	20	19	97		T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2573 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	24	120		T
trans-1,3-Dichloropropylene	ug/L	20	19	96		T
1,1,2-Trichloroethane	ug/L	20	21	106		T
Toluene	ug/L	20	22	108	70 - 130	T
2-Hexanone	ug/L	20	27	136		T
Dibromochloromethane	ug/L	20	20	100		T
Tetrachloroethylene (PCE)	ug/L	20	22	109	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	21	103		T
Chlorobenzene	ug/L	20	21	107	70 - 130	T
Ethylbenzene	ug/L	20	22	109	70 - 130	T
Bromoform	ug/L	20	19	94		T
Styrene	ug/L	20	21	105		T
1,1,2,2-Tetrachloroethane	ug/L	20	23	117		T
1,4-Dichlorobenzene	ug/L	20	20	102		T
1,2-Dichlorobenzene	ug/L	20	21	104	70 - 130	T
Xylene (Total)	ug/L	60	66	109	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	
Bromofluorobenzene (S)	ug/L	50	47	93	86 - 123	
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2577 **Analysis Method:** SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516020, T2115516021, T2115516022, T2115516023, T2115516024, T2115516025, T2115516026, T2115516027, T2115516028, T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042, T2115516043

Method Blank(4016592)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	
Bromofluorobenzene (S)	ug/L	50	52	103	70 - 130	
Toluene-d8 (S)	ug/L	50	51	103	70 - 130	

Lab Control Sample (4016593); Lab Control Sample Duplicate (4016594)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.71	89	70 - 130			10	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.73	91	70 - 130			2	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 130	52	104	0		
Bromofluorobenzene (S)	ug/L	50	54	107	70 - 130	52	103	3		
Toluene-d8 (S)	ug/L	50	52	104	70 - 130	51	102	2		

Matrix Spike (4016595)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.83	104	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.77	96	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 130	
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	
Toluene-d8 (S)	ug/L	50	52	103	70 - 130	

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2579 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Method Blank(4016607)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.39U	ug/L	1.0	0.39	T
Vinyl Chloride	0.44U	ug/L	1.0	0.44	T
Bromomethane	0.32U	ug/L	1.0	0.32	T
Chloroethane	0.42U	ug/L	1.0	0.42	T
Trichlorofluoromethane	0.26U	ug/L	1.0	0.26	T
Acetone	0.90U	ug/L	2.0	0.90	T
1,1-Dichloroethylene	0.41U	ug/L	1.0	0.41	T
Iodomethane (Methyl Iodide)	0.83U	ug/L	1.0	0.83	T
Acrylonitrile	0.38U	ug/L	5.0	0.38	T
Methylene Chloride	0.56U	ug/L	1.0	0.56	T
Carbon Disulfide	0.42U	ug/L	1.0	0.42	T
trans-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
1,1-Dichloroethane	0.38U	ug/L	1.0	0.38	T
Vinyl Acetate	0.37U	ug/L	1.0	0.37	T
2-Butanone (MEK)	0.33U	ug/L	1.0	0.33	T
cis-1,2-Dichloroethylene	0.39U	ug/L	1.0	0.39	T
Bromochloromethane	0.33U	ug/L	1.0	0.33	T
Chloroform	0.37U	ug/L	1.0	0.37	T
1,2-Dichloroethane	0.40U	ug/L	1.0	0.40	T
1,1,1-Trichloroethane	0.39U	ug/L	1.0	0.39	T
Carbon Tetrachloride	0.41U	ug/L	1.0	0.41	T
Benzene	0.28U	ug/L	1.0	0.28	T
Dibromomethane	0.41U	ug/L	1.0	0.41	T
1,2-Dichloropropane	0.18U	ug/L	1.0	0.18	T
Trichloroethene	0.32U	ug/L	1.0	0.32	T
Bromodichloromethane	0.39U	ug/L	1.0	0.39	T
cis-1,3-Dichloropropene	0.26U	ug/L	1.0	0.26	T
4-Methyl-2-pentanone (MIBK)	0.40U	ug/L	1.0	0.40	T
trans-1,3-Dichloropropylene	0.26U	ug/L	1.0	0.26	T
1,1,2-Trichloroethane	0.40U	ug/L	1.0	0.40	T
Toluene	0.66U	ug/L	1.0	0.66	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2579 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.42U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47U	ug/L	1.0	0.47	T
Chlorobenzene	0.38U	ug/L	1.0	0.38	T
Ethylbenzene	0.56U	ug/L	1.0	0.56	T
Bromoform	0.36U	ug/L	1.0	0.36	T
Styrene	0.29U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46U	ug/L	1.0	0.46	T
Xylene (Total)	1.3U	ug/L	2.0	1.3	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	111	70 - 128	
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	

Lab Control Sample (4016608); Lab Control Sample Duplicate (4016609)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	18	90				17		T
Vinyl Chloride	ug/L	20	20	99	70 - 130			16	20	T
Bromomethane	ug/L	20	12	60				31		T
Chloroethane	ug/L	20	23	113				15		T
Trichlorofluoromethane	ug/L	20	20	100				16		T
Acetone	ug/L	20	23	115				13		T
1,1-Dichloroethylene	ug/L	20	20	99	70 - 130			15	20	T
Iodomethane (Methyl Iodid	ug/L	20	12	60				35		T
Acrylonitrile	ug/L	20	22	110				16		T
Methylene Chloride	ug/L	20	19	95				17		T
Carbon Disulfide	ug/L	20	18	91				16		T
trans-1,2-Dichloroethylene	ug/L	20	19	97				17		T
1,1-Dichloroethane	ug/L	20	20	98				16		T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2579 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vinyl Acetate	ug/L	20	9.7	49				27		T
2-Butanone (MEK)	ug/L	20	22	110				17		T
cis-1,2-Dichloroethylene	ug/L	20	20	100	70 - 130			15	20	T
Bromochloromethane	ug/L	20	20	100				16		T
Chloroform	ug/L	20	19	93	70 - 130			15	20	T
1,2-Dichloroethane	ug/L	20	19	96				17		T
1,1,1-Trichloroethane	ug/L	20	17	87				18		T
Carbon Tetrachloride	ug/L	20	18	89				16		T
Benzene	ug/L	20	19	94	70 - 130			16	20	T
Dibromomethane	ug/L	20	20	98				16		T
1,2-Dichloropropane	ug/L	20	19	94				19		T
Trichloroethene	ug/L	20	20	101	70 - 130			15	20	T
Bromodichloromethane	ug/L	20	17	86				19		T
cis-1,3-Dichloropropene	ug/L	20	17	83				18		T
4-Methyl-2-pentanone (MIB	ug/L	20	22	111				17		T
trans-1,3-Dichloropropylene	ug/L	20	17	83				17		T
1,1,2-Trichloroethane	ug/L	20	20	98				17		T
Toluene	ug/L	20	20	101	70 - 130			15	20	T
2-Hexanone	ug/L	20	25	123				16		T
Dibromochloromethane	ug/L	20	18	90				15		T
Tetrachloroethylene (PCE)	ug/L	20	20	100	70 - 130			15	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	19	93				16		T
Chlorobenzene	ug/L	20	20	98	70 - 130			19	20	T
Ethylbenzene	ug/L	20	20	101	70 - 130			16	20	T
Bromoform	ug/L	20	17	83				19		T
Styrene	ug/L	20	19	97				16		T
1,1,2,2-Tetrachloroethane	ug/L	20	18	92				18		T
1,4-Dichlorobenzene	ug/L	20	19	93				12		T
1,2-Dichlorobenzene	ug/L	20	19	97	70 - 130			9	20	T
Xylene (Total)	ug/L	60	61	101	70 - 130			15	20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2579 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	99	70 - 128	51	102	3		
Bromofluorobenzene (S)	ug/L	50	46	92	86 - 123	45	89	3		
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	50	99	1		

Matrix Spike (4016610)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	22	110		T
Vinyl Chloride	ug/L	20	23	116	70 - 130	T
Bromomethane	ug/L	20	18	90		T
Chloroethane	ug/L	20	26	128		T
Trichlorofluoromethane	ug/L	20	24	119		T
Acetone	ug/L	20	26	129		T
1,1-Dichloroethylene	ug/L	20	24	118	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	19	94		T
Acrylonitrile	ug/L	20	26	132		T
Methylene Chloride	ug/L	20	23	113		T
Carbon Disulfide	ug/L	20	22	108		T
trans-1,2-Dichloroethylene	ug/L	20	23	116		T
1,1-Dichloroethane	ug/L	20	23	114		T
Vinyl Acetate	ug/L	20	13	66		T
2-Butanone (MEK)	ug/L	20	26	132		T
cis-1,2-Dichloroethylene	ug/L	20	24	119	70 - 130	T
Bromochloromethane	ug/L	20	24	120		T
Chloroform	ug/L	20	22	110	70 - 130	T
1,2-Dichloroethane	ug/L	20	23	117		T
1,1,1-Trichloroethane	ug/L	20	21	104		T
Carbon Tetrachloride	ug/L	20	22	108		T
Benzene	ug/L	20	22	110	70 - 130	T
Dibromomethane	ug/L	20	24	118		T
1,2-Dichloropropane	ug/L	20	23	114		T
Trichloroethene	ug/L	20	24	122	70 - 130	T
Bromodichloromethane	ug/L	20	21	105		T
cis-1,3-Dichloropropene	ug/L	20	20	102		T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Batch: MSVt/2579 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	26	132		T
trans-1,3-Dichloropropylene	ug/L	20	20	100		T
1,1,2-Trichloroethane	ug/L	20	23	116		T
Toluene	ug/L	20	23	117	70 - 130	T
2-Hexanone	ug/L	20	29	144		T
Dibromochloromethane	ug/L	20	21	107		T
Tetrachloroethylene (PCE)	ug/L	20	24	118	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	22	112		T
Chlorobenzene	ug/L	20	23	116	70 - 130	T
Ethylbenzene	ug/L	20	24	119	70 - 130	T
Bromoform	ug/L	20	20	101		T
Styrene	ug/L	20	23	115		T
1,1,2,2-Tetrachloroethane	ug/L	20	22	111		T
1,4-Dichlorobenzene	ug/L	20	22	108		T
1,2-Dichlorobenzene	ug/L	20	22	112	70 - 130	T
Xylene (Total)	ug/L	60	71	119	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	
Bromofluorobenzene (S)	ug/L	50	45	91	86 - 123	
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: MSVt/2581 **Analysis Method:** SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Method Blank(4016616)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023U	ug/L	0.030	0.023	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	55	109	70 - 130	
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	
Toluene-d8 (S)	ug/L	50	50	99	70 - 130	

Lab Control Sample (4016617); Lab Control Sample Duplicate (4016618)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.75	94	70 - 130			16	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.7	87	70 - 130			17	30	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	53	106	2		
Bromofluorobenzene (S)	ug/L	50	51	103	70 - 130	52	104	1		
Toluene-d8 (S)	ug/L	50	49	99	70 - 130	50	99	0		

Matrix Spike (4016619)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.82	102	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.88	110	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	107	70 - 130	
Bromofluorobenzene (S)	ug/L	50	52	103	70 - 130	
Toluene-d8 (S)	ug/L	50	50	100	70 - 130	

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAg/3627 **Analysis Method:** SM 5310B
Preparation Method: SM 5310B
Associated Lab IDs: T2115516002, T2115516003, T2115516004

Lab Control Sample (4007490)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Organic Carbon	mg/L	10	10	100	90 - 110	G

Method Blank(4007494)

Parameter	Results	Units	PQL	MDL	Lab
Total Organic Carbon	1.0U	mg/L	2.0	1.0	G

Matrix Spike (4007495); Matrix Spike Duplicate (4007496)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Organic Carbon	mg/L	25	51	99	90 - 110	51	100	1	10	G

Method Blank(4007498)

Parameter	Results	Units	PQL	MDL	Lab
Total Organic Carbon	1.0U	mg/L	2.0	1.0	G

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAg/3628 **Analysis Method:** SM 5310B
Preparation Method: SM 5310B
Associated Lab IDs: T2115516005, T2115516006, T2115516007

Method Blank(4007503)

Parameter	Results	Units	PQL	MDL	Lab
Total Organic Carbon	1.0U	mg/L	2.0	1.0	G

Lab Control Sample (4007505)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Organic Carbon	mg/L	10	10	100	90 - 110	G

Matrix Spike (4007506); Matrix Spike Duplicate (4007507)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Organic Carbon	mg/L	25	38	102	90 - 110	37	98	2	10	G

Method Blank(4007509)

Parameter	Results	Units	PQL	MDL	Lab
Total Organic Carbon	1.0U	mg/L	2.0	1.0	G

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAg/3630
Preparation Method: SM 10200 H
Associated Lab IDs: T2115516002, T2115516003
Analysis Method: SM 10200 H

Sample Duplicate (4007527)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Corrected Chlorophyll A	22.43	29.64	mg/m3	28	35	G

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAg/3630 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007

Method Blank(4007528)

Parameter	Results	Units	PQL	MDL	Lab
Corrected Chlorophyll A	2.5U	mg/m3	3.0	2.5	G

Sample Duplicate (4007529)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Corrected Chlorophyll A	7.21	5.61	mg/m3	25	35	G

Method Blank(4007530)

Parameter	Results	Units	PQL	MDL	Lab
Corrected Chlorophyll A	2.5U	mg/m3	3.0	2.5	G

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAg/3630 **Analysis Method:** SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: T2115516004, T2115516005, T2115516006, T2115516007

Sample Duplicate (4007531)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Corrected Chlorophyll A	1	2	mg/m3	**67**	35	G

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6418 **Analysis Method:** SM 5210B
Preparation Method: SM 5210B
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007

Method Blank(4001037)

Parameter	Results	Units	PQL	MDL	Lab
Biochemical Oxygen Demand	2.0U	mg/L	2.0	2.0	T

Lab Control Sample (4001038)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Biochemical Oxygen Demand	mg/L	200	190	95	84.60 - 115.40	T

Sample Duplicate (4001039)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Biochemical Oxygen Demand	2307.67	2338.34	mg/L	1	20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6422
Preparation Method: SM 2540D
Associated Lab IDs: T2115516007
Analysis Method: SM 2540D

Method Blank(4001237)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0U	mg/L	1.0	1.0	T

Lab Control Sample (4001238)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	190	97	85 - 115	T

Sample Duplicate (4001239)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	178	182	mg/L	2	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6426
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516009, T2115516010, T2115516011
Analysis Method: SM 4500-Cl-E

Method Blank(4001384)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.6U	mg/L	5.0	2.6	T

Lab Control Sample (4001385); Lab Control Sample Duplicate (4001386)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	50	99	90 - 110			2	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6430 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011

Method Blank(4001590)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4001591)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1	104	90 - 110	T

Matrix Spike (4001592); Matrix Spike Duplicate (4001593)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1	107	90 - 110	1	107	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6450
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516013, T2115516014, T2115516015
Analysis Method: SM 4500NO3-F

Method Blank(4003220)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4003221)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1	101	90 - 110	T

Matrix Spike (4003222); Matrix Spike Duplicate (4003223)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1.1	106	90 - 110	1	101	5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6459 **Analysis Method:** SM 2340C
Preparation Method: SM 2340C
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007

Method Blank(4003420)

Parameter	Results	Units	PQL	MDL	Lab
Hardness (as CaCO3)	4.0U	mg/L	4.0	4.0	T

Lab Control Sample (4003421)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Hardness (as CaCO3)	mg/L	400	380	96	90 - 110	T

Matrix Spike (4003422); Matrix Spike Duplicate (4003423)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Hardness (as CaCO3)	mg/L	200	290	90	90 - 110	300	98	5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6463 **Analysis Method:** SM 2540D
Preparation Method: SM 2540D
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005

Method Blank(4003508)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0U	mg/L	1.0	1.0	T

Lab Control Sample (4003509)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	180	91	85 - 115	T

Sample Duplicate (4003510)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	266	276	mg/L	4	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6464
Preparation Method: SM 2540D
Associated Lab IDs: T2115516006
Analysis Method: SM 2540D

Method Blank(4003522)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0U	mg/L	1.0	1.0	T

Lab Control Sample (4003523)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	180	91	85 - 115	T

Sample Duplicate (4003524)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	154	152	mg/L	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6489 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516017, T2115516018, T2115516019, T2115516020, T2115516021

Method Blank(4005528)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4005529)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1	103	90 - 110	T

Matrix Spike (4005530); Matrix Spike Duplicate (4005531)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	2.5	109	90 - 110	2.4	103	2	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6494
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516022
Analysis Method: SM 4500NO3-F

Method Blank(4005567)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4005568)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	.99	99	90 - 110	T

Matrix Spike (4005569); Matrix Spike Duplicate (4005570)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	.99	99	90 - 110	.96	96	3	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6498
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516024, T2115516025
Analysis Method: SM 4500NO3-F

Method Blank(4005814)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4005815)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	.99	99	90 - 110	T

Matrix Spike (4005816); Matrix Spike Duplicate (4005817)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	2	98	90 - 110	2	102	2	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6517 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007, T2115516009, T2115516010, T2115516011

Method Blank(4007256)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4007257)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	680	102	85 - 115	T

Sample Duplicate (4008386)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	316	300	mg/L	5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6526 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516013, T2115516014, T2115516015, T2115516022

Method Blank(4007523)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4007524)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	730	110	85 - 115	T

Sample Duplicate (4012481)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	274	276	mg/L	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6527 **Analysis Method:** EPA 410.4
Preparation Method: EPA 410.4
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516006, T2115516007

Method Blank(4007625)

Parameter	Results	Units	PQL	MDL	Lab
Chemical Oxygen Demand	20U	mg/L	50	20	T

Lab Control Sample (4007626)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chemical Oxygen Demand	mg/L	500	510	102	90 - 110	T

Matrix Spike (4007628); Matrix Spike Duplicate (4007629)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chemical Oxygen Demand	mg/L	500	570	109	90 - 110	570	109	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6527 **Analysis Method:** EPA 410.4
Preparation Method: EPA 410.4
Associated Lab IDs: T2115516004, T2115516005, T2115516006, T2115516007

Matrix Spike (4007632); Matrix Spike Duplicate (4007633)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chemical Oxygen Demand	mg/L	500	510	96	90 - 110	510	96	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6532 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015, T2115516017, T2115516018, T2115516019, T2115516020

Matrix Spike (4007892); Matrix Spike Duplicate (4007893)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1.6	102	90 - 110	1.6	100	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6532 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516007, T2115516009, T2115516010, T2115516011, T2115516013, T2115516014, T2115516015, T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025

Method Blank(4007890)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.015U	mg/L	0.030	0.015	T

Lab Control Sample (4007891)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.5	99	90 - 110	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6532 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516011, T2115516013, T2115516014, T2115516015, T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025

Matrix Spike (4007894); Matrix Spike Duplicate (4007895)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	2.3	101	90 - 110	2.3	100	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6534 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034

Method Blank(4007904)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.015U	mg/L	0.030	0.015	T

Lab Control Sample (4007905)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.48	97	90 - 110	T

Matrix Spike (4007908); Matrix Spike Duplicate (4007909)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	101	90 - 110	1	101	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6535
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516035, T2115516036
Analysis Method: EPA 350.1

Method Blank(4007910)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.015U	mg/L	0.030	0.015	T

Lab Control Sample (4007911)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.53	106	90 - 110	T

Matrix Spike (4007912); Matrix Spike Duplicate (4007913)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	6.3	104	90 - 110	6.2	100	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6553 **Analysis Method:** SM 4500-Cl-E
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516013, T2115516014, T2115516015, T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025, T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516035

Method Blank(4009093)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.6U	mg/L	5.0	2.6	T

Lab Control Sample (4009094); Lab Control Sample Duplicate (4009095)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	53	106	90 - 110			5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6553 **Analysis Method:** SM 4500-Cl-E
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516015, T2115516017, T2115516018, T2115516019, T2115516020, T2115516021, T2115516022, T2115516024, T2115516025, T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516035

Matrix Spike (4009098); Matrix Spike Duplicate (4009099)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	81	98	90 - 110	83	102	2	10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6554
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516033, T2115516034, T2115516036
Analysis Method: SM 4500-Cl-E

Method Blank(4009103)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.6U	mg/L	5.0	2.6	T

Lab Control Sample (4009104); Lab Control Sample Duplicate (4009105)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	50	101	90 - 110			5	10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6555 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Method Blank(4009112)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4009113)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1.1	110	90 - 110	T

Matrix Spike (4009114); Matrix Spike Duplicate (4009115)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1.3	91	90 - 110	1.3	**89**	2	10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6570
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516017, T2115516018
Analysis Method: SM 2540 C

Method Blank(4010595)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4010596)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	610	93	85 - 115	T

Sample Duplicate (4010597)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	406	394	mg/L	3	10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6571
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516019, T2115516020, T2115516021
Analysis Method: SM 2540 C

Method Blank(4010598)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4010599)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	610	92	85 - 115	T

Sample Duplicate (4010600)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	252	252	mg/L	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6588
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516024, T2115516025
Analysis Method: SM 2540 C

Method Blank(4010649)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4010650)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	660	99	85 - 115	T

Sample Duplicate (4010651)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	464	486	mg/L	5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6594
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516037
Analysis Method: SM 4500NO3-F

Method Blank(4011231)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4011232)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1.1	105	90 - 110	T

Matrix Spike (4011233); Matrix Spike Duplicate (4011234)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1	103	90 - 110	1	104	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6607 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4012095)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.092U	mg/L	0.10	0.092	T

Lab Control Sample (4012096)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	1.1	108	90 - 110	T

Matrix Spike (4012097); Matrix Spike Duplicate (4012098)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1.5	**51**	90 - 110	1.5	**49**	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6613 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516027, T2115516028, T2115516029, T2115516030, T2115516031, T2115516032, T2115516033, T2115516034, T2115516035, T2115516036

Method Blank(4012328)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4012329)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	650	98	85 - 115	T

Sample Duplicate (4012330)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	156	156	mg/L	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6632
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516037
Analysis Method: SM 2540 C

Method Blank(4013598)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4013599)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	680	103	85 - 115	T

Sample Duplicate (4013600)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	2836	2696	mg/L	5	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6667 **Analysis Method:** EPA 365.4
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: T2115516002, T2115516003, T2115516004, T2115516005, T2115516007

Method Blank(4003151)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.15U	mg/L	0.20	0.15	T

Lab Control Sample (4003153)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Phosphorus (as P)	mg/L	1	1	109	90 - 110	T

Matrix Spike (4003155); Matrix Spike Duplicate (4003157)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	1	2	**183**	80 - 120	2	**182**	1	20	T

Matrix Spike (4003159); Matrix Spike Duplicate (4003161)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	1	2	**190**	80 - 120	2	**194**	2	20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6671
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: T2115516006
Analysis Method: EPA 365.4

Method Blank(4006377)

Parameter	Results	Units	PQL	MDL	Lab
Total Phosphorus (as P)	0.15U	mg/L	0.20	0.15	T

Lab Control Sample (4006379)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Phosphorus (as P)	mg/L	1	1	110	90 - 110	T

Matrix Spike (4006381); Matrix Spike Duplicate (4006383)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	1	1	**48**	80 - 120	1	**71**	17	20	T

Matrix Spike (4006385); Matrix Spike Duplicate (4006387)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Phosphorus (as P)	mg/L	1	3	90	80 - 120	3	91	0	20	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6681 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4015673)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10U	mg/L	10	10	T

Lab Control Sample (4015674)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	640	97	85 - 115	T

Sample Duplicate (4015675)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	1316	1276	mg/L	3	10	T

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FINAL

Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6712 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4017579)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.015U	mg/L	0.030	0.015	T

Lab Control Sample (4017580)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.48	96	90 - 110	T

Matrix Spike (4017583); Matrix Spike Duplicate (4017584)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1.1	108	90 - 110	1.1	108	0	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6775 **Analysis Method:** SM 4500-Cl-E
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516037, T2115516038, T2115516039, T2115516040, T2115516041, T2115516042

Method Blank(4020955)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.6U	mg/L	5.0	2.6	T

Lab Control Sample (4020956); Lab Control Sample Duplicate (4020957)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	49	98	90 - 110			2	10	T

Matrix Spike (4020958); Matrix Spike Duplicate (4020959)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	58	102	90 - 110	58	101	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Results

QC Batch: WCAt/6775
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2115516041, T2115516042
Analysis Method: SM 4500-Cl-E

Matrix Spike (4020960); Matrix Spike Duplicate (4020961)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	120	95	90 - 110	120	97	1	10	T

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Workorder: SELF Semi-Annual SW (T2115516)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1323 - SW-846 7470A			
T2115516002	Equipment Blank	DGMt/2407	SW-846 7470A
T2115516003	Stream 3A	DGMt/2407	SW-846 7470A
T2115516004	Mine Cut	DGMt/2407	SW-846 7470A
T2115516005	Stream 3C2	DGMt/2407	SW-846 7470A
T2115516006	3B2B	DGMt/2407	SW-846 7470A
T2115516007	Duplicate	DGMt/2407	SW-846 7470A
T2115516009	Field Blank	DGMt/2407	SW-846 7470A
T2115516010	TH-65	DGMt/2407	SW-846 7470A
T2115516011	TH-66A	DGMt/2407	SW-846 7470A
T2115516013	TH-22A	DGMt/2407	SW-846 7470A
T2115516014	TH-19	DGMt/2407	SW-846 7470A
T2115516015	TH-36A	DGMt/2407	SW-846 7470A
T2115516017	TH-58	DGMt/2407	SW-846 7470A
T2115516018	TH-72	DGMt/2407	SW-846 7470A
CVAt/1326 - SW-846 7470A			
T2115516019	TH-28A	DGMt/2419	SW-846 7470A
T2115516020	TH-57	DGMt/2419	SW-846 7470A
T2115516021	TH-40	DGMt/2419	SW-846 7470A
T2115516022	Duplicate	DGMt/2419	SW-846 7470A
T2115516024	TH-78	DGMt/2419	SW-846 7470A
T2115516025	TH-20B	DGMt/2419	SW-846 7470A
T2115516027	TH-70A	DGMt/2419	SW-846 7470A
T2115516028	TH-69A	DGMt/2419	SW-846 7470A
T2115516029	TH-71A	DGMt/2419	SW-846 7470A
T2115516030	TH-68	DGMt/2419	SW-846 7470A
T2115516031	TH-64	DGMt/2419	SW-846 7470A
T2115516032	TH-61	DGMt/2419	SW-846 7470A
T2115516033	TH-61A	DGMt/2419	SW-846 7470A
T2115516034	TH-83	DGMt/2419	SW-846 7470A
T2115516036	Duplicate	DGMt/2419	SW-846 7470A
T2115516037	TH-66	DGMt/2419	SW-846 7470A

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Workorder: SELF Semi-Annual SW (T2115516)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1329 - SW-846 7470A			
T2115516035	Field Blank	DGMt/2448	SW-846 7470A
T2115516038	TH-67	DGMt/2448	SW-846 7470A
T2115516039	TH-79	DGMt/2448	SW-846 7470A
T2115516040	Barnes	DGMt/2448	SW-846 7470A
T2115516041	Holland	DGMt/2448	SW-846 7470A
T2115516042	Keene	DGMt/2448	SW-846 7470A
ICMj/1426 - SW-846 6020			
T2115516002	Equipment Blank	DGMj/2029	SW-846 3010A
T2115516003	Stream 3A	DGMj/2029	SW-846 3010A
T2115516004	Mine Cut	DGMj/2029	SW-846 3010A
T2115516005	Stream 3C2	DGMj/2029	SW-846 3010A
T2115516006	3B2B	DGMj/2029	SW-846 3010A
T2115516007	Duplicate	DGMj/2029	SW-846 3010A
T2115516009	Field Blank	DGMj/2029	SW-846 3010A
T2115516010	TH-65	DGMj/2029	SW-846 3010A
T2115516011	TH-66A	DGMj/2029	SW-846 3010A
T2115516013	TH-22A	DGMj/2029	SW-846 3010A
T2115516014	TH-19	DGMj/2029	SW-846 3010A
T2115516015	TH-36A	DGMj/2029	SW-846 3010A

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Workorder: SELF Semi-Annual SW (T2115516)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICMj/1435 - SW-846 6020			
T2115516017	TH-58	DGMj/2050	SW-846 3010A
T2115516018	TH-72	DGMj/2050	SW-846 3010A
T2115516019	TH-28A	DGMj/2050	SW-846 3010A
T2115516020	TH-57	DGMj/2050	SW-846 3010A
T2115516021	TH-40	DGMj/2050	SW-846 3010A
T2115516022	Duplicate	DGMj/2050	SW-846 3010A
T2115516024	TH-78	DGMj/2050	SW-846 3010A
T2115516025	TH-20B	DGMj/2050	SW-846 3010A
T2115516027	TH-70A	DGMj/2050	SW-846 3010A
T2115516028	TH-69A	DGMj/2050	SW-846 3010A
T2115516029	TH-71A	DGMj/2050	SW-846 3010A
T2115516030	TH-68	DGMj/2050	SW-846 3010A
T2115516031	TH-64	DGMj/2050	SW-846 3010A
T2115516032	TH-61	DGMj/2050	SW-846 3010A
T2115516033	TH-61A	DGMj/2050	SW-846 3010A
T2115516034	TH-83	DGMj/2050	SW-846 3010A
ICMj/1446 - SW-846 6020			
T2115516035	Field Blank	DGMj/2064	SW-846 3010A
T2115516036	Duplicate	DGMj/2064	SW-846 3010A
T2115516037	TH-66	DGMj/2064	SW-846 3010A
T2115516038	TH-67	DGMj/2064	SW-846 3010A
T2115516039	TH-79	DGMj/2064	SW-846 3010A
T2115516040	Barnes	DGMj/2064	SW-846 3010A
T2115516041	Holland	DGMj/2064	SW-846 3010A
T2115516042	Keene	DGMj/2064	SW-846 3010A

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Workorder: SELF Semi-Annual SW (T2115516)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPt/1808 - SW-846 6010			
T2115516002	Equipment Blank	DGMt/2358	SW-846 3010A
T2115516003	Stream 3A	DGMt/2358	SW-846 3010A
T2115516004	Mine Cut	DGMt/2358	SW-846 3010A
T2115516005	Stream 3C2	DGMt/2358	SW-846 3010A
T2115516006	3B2B	DGMt/2358	SW-846 3010A
T2115516007	Duplicate	DGMt/2358	SW-846 3010A
T2115516009	Field Blank	DGMt/2358	SW-846 3010A
T2115516010	TH-65	DGMt/2358	SW-846 3010A
T2115516011	TH-66A	DGMt/2358	SW-846 3010A
ICPt/1814 - SW-846 6010			
T2115516021	TH-40	DGMt/2374	SW-846 3010A
T2115516022	Duplicate	DGMt/2374	SW-846 3010A
T2115516024	TH-78	DGMt/2374	SW-846 3010A
T2115516025	TH-20B	DGMt/2374	SW-846 3010A
ICPt/1827 - SW-846 6010			
T2115516027	TH-70A	DGMt/2402	SW-846 3010A
T2115516028	TH-69A	DGMt/2402	SW-846 3010A
T2115516029	TH-71A	DGMt/2402	SW-846 3010A
T2115516030	TH-68	DGMt/2402	SW-846 3010A
T2115516031	TH-64	DGMt/2402	SW-846 3010A
T2115516032	TH-61	DGMt/2402	SW-846 3010A
T2115516033	TH-61A	DGMt/2402	SW-846 3010A
T2115516034	TH-83	DGMt/2402	SW-846 3010A
T2115516035	Field Blank	DGMt/2402	SW-846 3010A
T2115516036	Duplicate	DGMt/2402	SW-846 3010A
T2115516037	TH-66	DGMt/2402	SW-846 3010A

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPt/1837 - SW-846 6010			
T2115516013	TH-22A	DGMt/2430	SW-846 3010A
T2115516014	TH-19	DGMt/2430	SW-846 3010A
T2115516015	TH-36A	DGMt/2430	SW-846 3010A
T2115516017	TH-58	DGMt/2430	SW-846 3010A
T2115516018	TH-72	DGMt/2430	SW-846 3010A
T2115516019	TH-28A	DGMt/2430	SW-846 3010A
T2115516020	TH-57	DGMt/2430	SW-846 3010A
T2115516038	TH-67	DGMt/2430	SW-846 3010A
T2115516039	TH-79	DGMt/2430	SW-846 3010A
T2115516040	Barnes	DGMt/2430	SW-846 3010A
T2115516041	Holland	DGMt/2430	SW-846 3010A
T2115516042	Keene	DGMt/2430	SW-846 3010A
MICt/2341 - SM 9222D			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
MSVt/2510 - SW-846 8260B			
T2115516001	Trip Blank	MSVt/2509	SW-846 5030B
T2115516002	Equipment Blank	MSVt/2509	SW-846 5030B
T2115516003	Stream 3A	MSVt/2509	SW-846 5030B
T2115516004	Mine Cut	MSVt/2509	SW-846 5030B
T2115516005	Stream 3C2	MSVt/2509	SW-846 5030B
MSVt/2512 - SW-846 8260B (SIM)			
T2115516001	Trip Blank	MSVt/2511	SW-846 5030B
T2115516002	Equipment Blank	MSVt/2511	SW-846 5030B
T2115516003	Stream 3A	MSVt/2511	SW-846 5030B
T2115516004	Mine Cut	MSVt/2511	SW-846 5030B
T2115516005	Stream 3C2	MSVt/2511	SW-846 5030B

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/2524 - SW-846 8260B			
T2115516006	3B2B	MSVt/2523	SW-846 5030B
T2115516007	Duplicate	MSVt/2523	SW-846 5030B
T2115516008	Trip Blank	MSVt/2523	SW-846 5030B
T2115516009	Field Blank	MSVt/2523	SW-846 5030B
T2115516010	TH-65	MSVt/2523	SW-846 5030B
T2115516011	TH-66A	MSVt/2523	SW-846 5030B
T2115516012	Trip Blank	MSVt/2523	SW-846 5030B
T2115516013	TH-22A	MSVt/2523	SW-846 5030B
T2115516014	TH-19	MSVt/2523	SW-846 5030B
T2115516015	TH-36A	MSVt/2523	SW-846 5030B
T2115516016	Trip Blank	MSVt/2523	SW-846 5030B
T2115516017	TH-58	MSVt/2523	SW-846 5030B
T2115516018	TH-72	MSVt/2523	SW-846 5030B
T2115516019	TH-28A	MSVt/2523	SW-846 5030B
MSVt/2526 - SW-846 8260B (SIM)			
T2115516006	3B2B	MSVt/2525	SW-846 5030B
T2115516007	Duplicate	MSVt/2525	SW-846 5030B
T2115516008	Trip Blank	MSVt/2525	SW-846 5030B
T2115516009	Field Blank	MSVt/2525	SW-846 5030B
T2115516010	TH-65	MSVt/2525	SW-846 5030B
T2115516011	TH-66A	MSVt/2525	SW-846 5030B
T2115516012	Trip Blank	MSVt/2525	SW-846 5030B
T2115516013	TH-22A	MSVt/2525	SW-846 5030B
T2115516014	TH-19	MSVt/2525	SW-846 5030B
T2115516015	TH-36A	MSVt/2525	SW-846 5030B
T2115516016	Trip Blank	MSVt/2525	SW-846 5030B
T2115516017	TH-58	MSVt/2525	SW-846 5030B
T2115516018	TH-72	MSVt/2525	SW-846 5030B
T2115516019	TH-28A	MSVt/2525	SW-846 5030B

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Workorder: SELF Semi-Annual SW (T2115516)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/2573 - SW-846 8260B			
T2115516020	TH-57	MSVt/2572	SW-846 5030B
T2115516021	TH-40	MSVt/2572	SW-846 5030B
T2115516022	Duplicate	MSVt/2572	SW-846 5030B
T2115516023	Trip Blank	MSVt/2572	SW-846 5030B
T2115516024	TH-78	MSVt/2572	SW-846 5030B
T2115516025	TH-20B	MSVt/2572	SW-846 5030B
T2115516026	Trip Blank	MSVt/2572	SW-846 5030B
T2115516027	TH-70A	MSVt/2572	SW-846 5030B
T2115516028	TH-69A	MSVt/2572	SW-846 5030B
T2115516037	TH-66	MSVt/2572	SW-846 5030B
T2115516038	TH-67	MSVt/2572	SW-846 5030B
T2115516039	TH-79	MSVt/2572	SW-846 5030B
T2115516040	Barnes	MSVt/2572	SW-846 5030B
T2115516041	Holland	MSVt/2572	SW-846 5030B
T2115516042	Keene	MSVt/2572	SW-846 5030B
T2115516043	Trip Blank	MSVt/2572	SW-846 5030B
MSVt/2577 - SW-846 8260B (SIM)			
T2115516020	TH-57	MSVt/2576	SW-846 5030B
T2115516021	TH-40	MSVt/2576	SW-846 5030B
T2115516022	Duplicate	MSVt/2576	SW-846 5030B
T2115516023	Trip Blank	MSVt/2576	SW-846 5030B
T2115516024	TH-78	MSVt/2576	SW-846 5030B
T2115516025	TH-20B	MSVt/2576	SW-846 5030B
T2115516026	Trip Blank	MSVt/2576	SW-846 5030B
T2115516027	TH-70A	MSVt/2576	SW-846 5030B
T2115516028	TH-69A	MSVt/2576	SW-846 5030B
T2115516037	TH-66	MSVt/2576	SW-846 5030B
T2115516038	TH-67	MSVt/2576	SW-846 5030B
T2115516039	TH-79	MSVt/2576	SW-846 5030B
T2115516040	Barnes	MSVt/2576	SW-846 5030B
T2115516041	Holland	MSVt/2576	SW-846 5030B
T2115516042	Keene	MSVt/2576	SW-846 5030B
T2115516043	Trip Blank	MSVt/2576	SW-846 5030B

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/2579 - SW-846 8260B			
T2115516029	TH-71A	MSVt/2578	SW-846 5030B
T2115516030	TH-68	MSVt/2578	SW-846 5030B
T2115516031	TH-64	MSVt/2578	SW-846 5030B
T2115516032	TH-61	MSVt/2578	SW-846 5030B
T2115516033	TH-61A	MSVt/2578	SW-846 5030B
T2115516034	TH-83	MSVt/2578	SW-846 5030B
T2115516035	Field Blank	MSVt/2578	SW-846 5030B
T2115516036	Duplicate	MSVt/2578	SW-846 5030B
MSVt/2581 - SW-846 8260B (SIM)			
T2115516029	TH-71A	MSVt/2580	SW-846 5030B
T2115516030	TH-68	MSVt/2580	SW-846 5030B
T2115516031	TH-64	MSVt/2580	SW-846 5030B
T2115516032	TH-61	MSVt/2580	SW-846 5030B
T2115516033	TH-61A	MSVt/2580	SW-846 5030B
T2115516034	TH-83	MSVt/2580	SW-846 5030B
T2115516035	Field Blank	MSVt/2580	SW-846 5030B
T2115516036	Duplicate	MSVt/2580	SW-846 5030B
WCAg/3627 - SM 5310B			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
WCAg/3628 - SM 5310B			
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
WCAg/3630 - SM 10200 H			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6418 - SM 5210B			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
WCAt/6422 - SM 2540D			
T2115516007	Duplicate		
WCAt/6426 - SM 4500-Cl-E			
T2115516009	Field Blank		
T2115516010	TH-65		
T2115516011	TH-66A		
WCAt/6430 - SM 4500NO3-F			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
T2115516009	Field Blank		
T2115516010	TH-65		
T2115516011	TH-66A		
WCAt/6450 - SM 4500NO3-F			
T2115516013	TH-22A		
T2115516014	TH-19		
T2115516015	TH-36A		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6459 - SM 2340C			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
WCAt/6463 - SM 2540D			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
WCAt/6464 - SM 2540D			
T2115516006	3B2B		
WCAt/6489 - SM 4500NO3-F			
T2115516017	TH-58		
T2115516018	TH-72		
T2115516019	TH-28A		
T2115516020	TH-57		
T2115516021	TH-40		
WCAt/6494 - SM 4500NO3-F			
T2115516022	Duplicate		
WCAt/6498 - SM 4500NO3-F			
T2115516024	TH-78		
T2115516025	TH-20B		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6517 - SM 2540 C			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		
T2115516009	Field Blank		
T2115516010	TH-65		
T2115516011	TH-66A		
WCAt/6526 - SM 2540 C			
T2115516013	TH-22A		
T2115516014	TH-19		
T2115516015	TH-36A		
T2115516022	Duplicate		
WCAt/6527 - EPA 410.4			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6532 - EPA 350.1			
T2115516009	Field Blank		
T2115516010	TH-65		
T2115516011	TH-66A		
T2115516013	TH-22A		
T2115516014	TH-19		
T2115516015	TH-36A		
T2115516017	TH-58		
T2115516018	TH-72		
T2115516019	TH-28A		
T2115516020	TH-57		
T2115516021	TH-40		
T2115516022	Duplicate		
T2115516024	TH-78		
T2115516025	TH-20B		
WCAt/6534 - EPA 350.1			
T2115516027	TH-70A		
T2115516028	TH-69A		
T2115516029	TH-71A		
T2115516030	TH-68		
T2115516031	TH-64		
T2115516032	TH-61		
T2115516033	TH-61A		
T2115516034	TH-83		
WCAt/6535 - EPA 350.1			
T2115516035	Field Blank		
T2115516036	Duplicate		
WCAt/6537 - DEP SOP 10/03/83			
T2115516002	Equipment Blank		
T2115516003	Stream 3A		
T2115516004	Mine Cut		
T2115516005	Stream 3C2		
T2115516006	3B2B		
T2115516007	Duplicate		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6553 - SM 4500-Cl-E			
T2115516013	TH-22A		
T2115516014	TH-19		
T2115516015	TH-36A		
T2115516017	TH-58		
T2115516018	TH-72		
T2115516019	TH-28A		
T2115516020	TH-57		
T2115516021	TH-40		
T2115516022	Duplicate		
T2115516024	TH-78		
T2115516025	TH-20B		
T2115516027	TH-70A		
T2115516028	TH-69A		
T2115516029	TH-71A		
T2115516030	TH-68		
T2115516031	TH-64		
T2115516032	TH-61		
T2115516035	Field Blank		
WCAt/6554 - SM 4500-Cl-E			
T2115516033	TH-61A		
T2115516034	TH-83		
T2115516036	Duplicate		
WCAt/6555 - SM 4500NO3-F			
T2115516027	TH-70A		
T2115516028	TH-69A		
T2115516029	TH-71A		
T2115516030	TH-68		
T2115516031	TH-64		
T2115516032	TH-61		
T2115516033	TH-61A		
T2115516034	TH-83		
T2115516035	Field Blank		
T2115516036	Duplicate		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6570 - SM 2540 C			
T2115516017	TH-58		
T2115516018	TH-72		
WCAt/6571 - SM 2540 C			
T2115516019	TH-28A		
T2115516020	TH-57		
T2115516021	TH-40		
WCAt/6588 - SM 2540 C			
T2115516024	TH-78		
T2115516025	TH-20B		
WCAt/6594 - SM 4500NO3-F			
T2115516037	TH-66		
WCAt/6607 - SM 4500NO3-F			
T2115516038	TH-67		
T2115516039	TH-79		
T2115516040	Barnes		
T2115516041	Holland		
T2115516042	Keene		
WCAt/6613 - SM 2540 C			
T2115516027	TH-70A		
T2115516028	TH-69A		
T2115516029	TH-71A		
T2115516030	TH-68		
T2115516031	TH-64		
T2115516032	TH-61		
T2115516033	TH-61A		
T2115516034	TH-83		
T2115516035	Field Blank		
T2115516036	Duplicate		
WCAt/6632 - SM 2540 C			
T2115516037	TH-66		

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QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAt/6667 - EPA 365.4			
T2115516002	Equipment Blank	WCAt/6448	Copper Sulfate Digestion
T2115516003	Stream 3A	WCAt/6448	Copper Sulfate Digestion
T2115516004	Mine Cut	WCAt/6448	Copper Sulfate Digestion
T2115516005	Stream 3C2	WCAt/6448	Copper Sulfate Digestion
T2115516007	Duplicate	WCAt/6448	Copper Sulfate Digestion
WCAt/6671 - EPA 365.4			
T2115516006	3B2B	WCAt/6501	Copper Sulfate Digestion
WCAt/6681 - SM 2540 C			
T2115516038	TH-67		
T2115516039	TH-79		
T2115516040	Barnes		
T2115516041	Holland		
T2115516042	Keene		
WCAt/6712 - EPA 350.1			
T2115516037	TH-66		
T2115516038	TH-67		
T2115516039	TH-79		
T2115516040	Barnes		
T2115516041	Holland		
T2115516042	Keene		
WCAt/6775 - SM 4500-Cl-E			
T2115516037	TH-66		
T2115516038	TH-67		
T2115516039	TH-79		
T2115516040	Barnes		
T2115516041	Holland		
T2115516042	Keene		

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NELAP Accredited E84589

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☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☑ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

T21155516

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual SW
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Unionized Ammonia	Total Hardness as CaCO3	BOD-5	TOC	Fe, Hg	Nitrate	TDS, TSS	Fecal Coliform	Total Phosphorous	LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	Trip BLANK	—	8/23/21	—	—	1		X										21
	Equipment BLANK	G	8/23/21	0858	DI	14		X	X	X	X	X	X	X	X	X	X	22
	~~Stream~~ Stream 3A	G	8/23/21	0913	SW	14		X	X	X	X	X	X	X	X	X	X	23
	MINE CUT	G	8/23/21	1020	SW	14		X	X	X	X	X	X	X	X	X	X	24
	Stream 3C2	G	8/23/21	1131	SW	14		X	X	X	X	X	X	X	X	X	X	25
	3B2B	G	8/23/21	1201	SW	14		X	X	X	X	X	X	X	X	X	X	26
	DUPLICATE	G	8/23/21	—	SW	14		X	X	X	X	X	X	X	X	X	X	27

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/23/21	1522		8/23/21	1522
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Site-Address:

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
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☑ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

T2115516

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Chlorophyll A	Nitrogen	COD	LABORATORY I.D. NUMBER
	Trip Blank	—	8/23/21	—	—	1	X	X	X	01
	Equipment Blank	G	8/23/21	0858	DI	14	X	X	X	02
	Stream 3A	G	8/23/21	0913	SW	14	X	X	X	03
	Mine Cut 1D	G	8/23/21	1020	SW	14	X	X	X	04
	Stream 3C2	G	8/23/21	1131	SW	14	X	X	X	05
	3B2B	G	8/23/21	1201	SW	14	X	X	X	06
	Duplicate	G	8/23/21	—	SW	14	X	X	X	07

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/23/21	1522		8/23/21	1522
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

121556

Page 1 of 1

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☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☑ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson, Townsel	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS					LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	TRIP BLANK	-	8/23/21	-	-	1		X										08
	Field BLANK	G	8/23/21	1345	~~GW~~ DI 8/23	9		X	X	X	X	X	X					09
	TH-65	G	8/23/21	1348	GW	9		X	X	X	X	X	X					10
	TH-66A	G	8/23/21	1420	GW	9		X	X	X	X	X	X					011

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/23/21	1522		8/23/21	1522
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
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☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☑ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

T2115516

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson, Aguilar	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS					LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	Trip BLANK	—	8/24/21	—	—	1		X										212
	TH-22A	G	8/24/21	1000	GW	9		X	X	X	X	X	X					213
	~~TH-46~~	~~G~~	~~8/24/21~~	~~1100~~	~~GW~~	~~9~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	8/24/21				~~214~~
	TH-19	G	8/24/21	1219	GW	9		X	X	X	X	X	X					214
	TH-36A	G	8/24/21	1249	GW	9		X	X	X	X	X	X					215
																		4/21/21

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked Temp. when received (observed) 5 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1	J	8/24/21	1511	J	8/24/21	1510
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Site-Address:

T2115516

Advanced Environmental Laboratories, Inc.

☐ Altamonte Springs: 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
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☐ Jacksonville: 6581 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson, Aguilar	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS	LABORATORY I.D. NUMBER
							Preservation							
							Field-Filtered?							
	Trip Blank	—	8/25/21	—	—	1		X						016
	TH-58	G	8/25/21	0905	GW	9		X	X	X	X	X	X	017
	TH-72	G	8/25/21	1150	GW	9		X	X	X	X	X	X	018
	TH-28A	G	8/25/21	1227	GW	9		X	X	X	X	X	X	019
	TH-57	G	8/25/21	1258	GW	9		X	X	X	X	X	X	020
	TH40	G	8/25/21	1345	GW	9		X	X	X	X	X	X	021
	Duplicate	G	8/25/21	—	GW	9		X	X	X	X	X	X	022

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temp. when received (observed) 0 °C Temp. when received (corrected) 0 °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/25/21	1503		8/25	1503
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Site-Address:

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
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☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
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☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

T2115516

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson, Aguilar	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS					LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	Trip Blank	—	8/26/21	—	—	1		X										023
	TH - 78	G	8/26/21	1252	GW	9		X	X	X	X	X	X					024
	TH - 20B	G	8/26/21	1351	GW	9		X	X	X	X	X	X					025

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/26/21	1520		8/26/21	1520
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID:

Contact Person:

Supplier of Water:

Site-Address:

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
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Page ____ of ____

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson Townsel	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

T211516
T211593 3

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation	Field-Filtered?	40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS						LABORATORY I.D. NUMBER
	Trip Blank	—	8/27/21	—	—	2			X										026	001
	TH-70A	G	8/27/21	0941	GW	9			X	X	X	X	X	X					027	002
	TH-69A	G	8/27/21	1010	GW	9			X	X	X	X	X	X					028	003
	TH-71A	G	8/27/21	1128	GW	9			X	X	X	X	X	X					029	004
	TH-68	G	8/27/21	1206	GW	9			X	X	X	X	X	X					030	005
	TH-64	G	8/27/21	1245	GW	9			X	X	X	X	X	X					031	006
	TH-61	G	8/27/21	1315	GW	9			X	X	X	X	X	X					032	007
	TH-61A	G	8/27/21	1435	GW	9			X	X	X	X	X	X					033	008
	TH-83	G	8/27/21	1515	GW	9			X	X	X	X	X	X					034	009
8/27/21	Field Blank Duplicate	G	8/27/21	1307	DI	9			X	X	X	X	X	X					035	010
		G	8/27/21	—	GW	9			X	X	X	X	X	X					036	011

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked

Temp. when received (observed) 0 °C Temp. when received (corrected) 0 °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/27/21	1705		8/27/21	1705
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Advanced Environmental Laboratories, Inc.

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☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
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T211 5516 T2115516 Page ____ of ____

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	T. Aguilar	Special Instructions:	
Turn Around Time:	(Standard) Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS					LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	TH-66	G	8/31/21	1345	GW	9		X	X	X	X	X	X					039

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1W F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/31/21				
2		8/31/21	1520		8/31/21	1521
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076 T21155/16
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☑ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Page ____ of ____

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Semi-Annual
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	M. Townsel	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:		ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 40 CFR Part 258 Appendix I	Fe, Hg, Na	Total Ammonia-N	Nitrate	Chloride	TDS					LABORATORY I.D. NUMBER
							Preservation											
							Field-Filtered?											
	TH-67	G	9/1/21	1020	GW	9		X	X	X	X	X	X					036
	TH-79	G	9/1/21	11:11	GW	9		X	X	X	X	X	X					039
	Barnes	G	9/1/21	1226	GW	9		X	X	X	X	X	X					040
	Holland	G	9/1/21	1153	GW	9		X	X	X	X	X	X					041
	Keene	G	9/1/21	1255	GW	9		X	X	X	X	X	X					042
	Trip Blank	—			DI	4		X										043

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		9/1/21	1523		9/1/21	1523
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Stream 3A	SAMPLE ID: Stream 3A	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): 2.01	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0913	N/A	N/A	N/A	2.01	6.13	27.7	240.6	0.24/3.0	4.76	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0913	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 0913 (-119.8)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Mine-Cut	SAMPLE ID: Mine-Cut	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): 2.48	PURGE PUMP TYPE OR BAILER: BAILER

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1020	N/A	N/A	N/A	2.48	6.22	29.1	319.6	0.40 15.3	3.52	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1022
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1020 (9.1)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Stream 3C2	SAMPLE ID: Stream 3C2	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): 1.60	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet − N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1131	N/A	N/A	N/A	1.60	6.46	27.3	324.2	3.461 43.3	2.37	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1131	SAMPLING ENDED AT: 1134
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1131 (23.1)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: 3B2B	SAMPLE ID: 3B2B	DATE: 08/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): 1.45	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet − N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1201	N/A	N/A	N/A	1.45	6.25	25.8	285.3	3.16 / 38.7	1.55	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1201	SAMPLING ENDED AT: 1204
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1201 (67.3)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-65	SAMPLE ID: TH-65	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 13 ft to 23 ft	STATIC DEPTH TO WATER (feet): 13.91	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (23 feet − 13.91 feet) X 0.16 gallons/foot = 1.45 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22	PURGING INITIATED AT: 1336	PURGING ENDED AT: 13:48	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1344	1.6	1.6	0.2	15.31	5.29	25.9	209.4	0.68	5.12	Clear	None
1346	0.4	2.0	0.2	15.31	5.30	25.8	208.0	0.63	4.57	Clear	None
1348	0.4	2.4	0.2	15.31	5.31	25.8	209.9	0.60	3.00	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1348	SAMPLING ENDED AT: 1350
PUMP OR TUBING DEPTH IN WELL (feet): 22	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1344 (-17.5) 1346 (-28.1) 1348 (-38.0)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES:
1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 220(2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greate(

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Field Blank	SAMPLE ID: Field Blank	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

8/23/21
Field Blank

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1345	SAMPLING ENDED AT: 1346
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 22
2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is grea

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Duplicate	SAMPLE ID: Duplicate	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X 0.16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

8/23/21
DUPLICATE

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: N/A	SAMPLING ENDED AT: N/A
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-66A	SAMPLE ID: TH-66A	DATE: 8/23/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 5.37 ft to 15.37 ft	STATIC DEPTH TO WATER (feet): 8.24	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (15.37 feet – 8.24 feet) X 0.16 gallons/foot = 1.14 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37	PURGING INITIATED AT: 1404	PURGING ENDED AT: 1420	TOTAL VOLUME PURGED (gallons): 1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1416	1.2	1.2	0.1	9.61	5.91	27.9	230.6	0.57	5.59	Clear	None
1418	0.2	1.4	0.1	9.71	5.91	27.9	233.8	0.49	2.92	Clear	None
1420	0.2	1.6	0.1	9.73	5.90	27.9	234.5	0.44	2.26	Clear	None

8/23/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1420	SAMPLING ENDED AT: 1423
PUMP OR TUBING DEPTH IN WELL (feet): 14.37	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
							VOC	(MP)BP	400ml

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1416 (-116.3) 1418 (-113.7) 1420 (-110.7)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-22A	SAMPLE ID: TH-22A	DATE: 8/24/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 17.90 ft to 27.90 ft	STATIC DEPTH TO WATER (feet): 3.99	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (27.90 feet − 3.99 feet) X 0.16 gallons/foot = 383 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 0832	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 22

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0848	4.0	4.0	0.25	4.32	4.47	24.7	157.0	0.27	75.8	Cloudy	None
0904	4.0	8.0	0.25	4.32	4.44	24.7	156.7	0.13	53.1	Cloudy	None
0920	4.0	12.0	0.25	4.32	4.42	24.8	156.5	0.09	36.6	Cloudy	None
0936	4.0	16.0	0.25	4.32	4.42	24.8	156.4	0.08	26.6	Cloudy	None
0952	4.0 8/24/21	20.0	0.25	4.32	4.42	24.8	156.9	0.07	21.1	Cloudy	None
0956	1.0	21.0	0.25	4.32	4.42	24.9	157.2	0.07	21.6	Cloudy	None
1000	1	22.0	0.25	4.32	4.42	24.9	157.6	0.07	19.1	Cloudy	None
							8/24/21				

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1003
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
					ORP		VOC		400
					0956 (-52.6)				
	SEE COC FOR ANALYSIS				1000 (-56.2)				

REMARKS: **ORP:** 0848 (20.7) 0904 (-2.9) 0920 (-19.7) 0936 (-34.9) 0952 (-48.7)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-19	SAMPLE ID: TH-19	DATE: 8/24/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 5/8	WELL SCREEN INTERVAL DEPTH: 143.6 ft to 153.6 ft	STATIC DEPTH TO WATER (feet): 89.71	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (153.6 feet − 89.71 feet) X 0.16 gallons/foot = 10.22 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 120	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 120	PURGING INITIATED AT: 1156	PURGING ENDED AT: 1219	TOTAL VOLUME PURGED (gallons): 16.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1211	10.5	10.5	0.7	89.80	7.08	23.4	389.5	0.27	1.45	clear	None
1215	2.8	13.3	0.7	89.80	7.10	23.4	389.0	0.23	0.97	clear	None
1219	2.8	16.1	0.7	89.80	7.12	23.5	389.3	0.32	0.82	clear	None

8/24/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1219	SAMPLING ENDED AT: 1222
PUMP OR TUBING DEPTH IN WELL (feet): 120	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1211 (-56.6) 1215 (-70.6) 1219 (-81.5)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-36A	SAMPLE ID: TH-36A	DATE: 8/24/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 28.7 ft to 38.7 ft	STATIC DEPTH TO WATER (feet): 32.41	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (38.7 feet – 32.41 feet) X 0.16 gallons/foot = 1.01 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.7	PURGING INITIATED AT: ~~1236~~ 1239	PURGING ENDED AT: 1249	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1241	1.25		0.25	32.72		8/24/21					
1245	1.2	1.2	0.2	~~5.71~~ 32.72 8/24/21	5.71	25.6	198.2	1.11	3.56	Clear	None
1247	0.4	1.6	0.2	32.72	5.61	25.6	198.2	0.94	3.58	Clear	None
1249	0.4	2.0	0.2	32.72	5.57	25.6	197.8	1.09	3.26	Clear	None

8/24/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1249	SAMPLING ENDED AT: 1252
PUMP OR TUBING DEPTH IN WELL (feet): 37.7	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400
SEE COC FOR ANALYSIS									

REMARKS: ORP: 1245 (91.4) 1247 (92.8) 1249 (93.2)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-58	SAMPLE ID: TH-58	DATE: 8/25/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 22.92 ft to 32.92 ft	STATIC DEPTH TO WATER (feet): 27.49	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (32.92 feet – 27.49 feet) X 0.16 gallons/foot = 0.87 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.92	PURGING INITIATED AT: 0852	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (gallons): ~~1.09~~ 1.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0901	0.9	0.9	0.1	27.64	5.60	27.6	814	0.70	1.37	Clear	None
0903	0.2	1.1	0.1	27.64	5.56	27.6	814	0.52	1.51	Clear	None
0905	0.2	1.3	0.1	27.64	5.54	27.6	814	0.39	1.01	Clear	None

8/25/21

8/25/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, ~~Morales~~ Aguilar 8/25/21	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0908
PUMP OR TUBING DEPTH IN WELL (feet): 31.92	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 0901 (57.0) 0903 (52.6) 0905 (48.1)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-72	SAMPLE ID: TH-72	DATE: 8/25/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 180 ft to 190 ft	STATIC DEPTH TO WATER (feet): 84.54	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (190 feet − 84.54 feet) X 0.16 gallons/foot = 16.87 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 110	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 110	PURGING INITIATED AT: 0929	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 39.48

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1030	17.08	17.08	0.28	84.54	11.06	24.4	8767	0.52	15.9	Clear	None
1046	4.48	21.56	0.28	84.54	8.35	24.4	711	0.21	13.4	Clear	None
1102	4.48	26.04	0.28	84.54	7.10	24.4	968	0.20	14.6	Clear	None
1118	4.48	30.52	0.28	84.54	6.77	24.4	1031	0.15	15.8	Clear	None
1134	4.48	35.00	0.28	84.54	6.66	24.4	1060	0.32	11.5	Clear	None
1150 final	4.48	39.48	0.28	84.54	6.61	24.4	1081	0.26	9.6	Clear	None

8/25/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1150	SAMPLING ENDED AT: 1153
PUMP OR TUBING DEPTH IN WELL (feet): 110	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
					ORP		VOC		400
					1150 (-132.2)				

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1030 (-121.6) 1046 (-114.0) 1102 (-133.5) 1118 (-133.4) 1134 (-132.5)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-28A	SAMPLE ID: TH-28A	DATE: 8/25/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 24.3 ft to 34.3 ft	STATIC DEPTH TO WATER (feet): 27.63	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (34.3 feet – 27.63 feet) X 0.16 gallons/foot = 1.07 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.3	PURGING INITIATED AT: 1212	PURGING ENDED AT: 1227	TOTAL VOLUME PURGED (gallons): 1.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1223	1.1	1.1	0.1	27.71	5.43	29.0	298.9	0.72	4.73	Clear	None
1225	0.2	1.3	0.1	27.71	5.35	28.9	292.4	0.56	4.17	Clear	None
1227	0.2	1.5	0.1	27.71	5.31	28.8	286.0	0.55	3.27	Clear	None

8/25/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1227	SAMPLING ENDED AT: 1230
PUMP OR TUBING DEPTH IN WELL (feet): 33.3	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1223 (-80.4) 1225 (-88.6) 1227 (-95.6)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-57	SAMPLE ID: TH-57	DATE: 8/25/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 16.83 ft to 26.83 ft	STATIC DEPTH TO WATER (feet): 18.26	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (26.83 feet – 18.26 feet) X 0.16 gallons/foot = 1.37 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83	PURGING INITIATED AT: 1247	PURGING ENDED AT: 1258	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1254	1.4	1.4	0.2	18.41	5.26	29.0	287.6	0.62	0.85	Clear	None
1256	0.4	1.8	0.2	18.41	5.23	29.0	284.9	0.59	0.68	Clear	None
1258	0.4	2.2	0.2	18.41	5.22	29.0	279.8	0.64	0.73	Clear	None

8/25/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1258	SAMPLING ENDED AT: 1301
PUMP OR TUBING DEPTH IN WELL (feet): 25.83	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1254 (-155.5) 1256 (-164.9) 1258 (-171.4)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-40	SAMPLE ID: TH-40	DATE: 8/25/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 5/8	WELL SCREEN INTERVAL DEPTH: 155.9 ft to 165.9 ft	STATIC DEPTH TO WATER (feet): 82.99	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

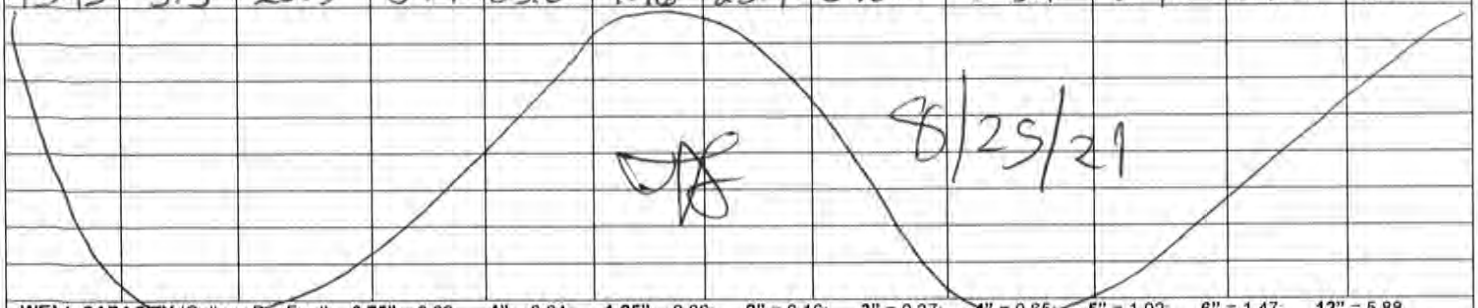
= (165.9 feet − 82.99 feet) X 0.16 gallons/foot = 13.27 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 117	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 117	PURGING INITIATED AT: 1316	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 20.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1335	13.3	13.3	0.7	83.0	7.02	23.7	356.2	0.29	0.72	Clear	None
1340	3.5	16.8	0.7	83.0	7.11	23.8	350.9	0.27	0.79	Clear	None
1345	3.5	20.3	0.7	83.0	7.16	23.9	348.0	0.27	0.91	Clear	None



WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Aguilar Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1345	SAMPLING ENDED AT: 1348
PUMP OR TUBING DEPTH IN WELL (feet): 117	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		406

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1335 (-66.9) 1340 (-97.3) 1345 (-110.3)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-78	SAMPLE ID: TH-78	DATE: 8/26/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 163.14 ft to 178.14 ft	STATIC DEPTH TO WATER (feet): 69.64	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (178.14 feet − 69.64 feet) X 0.16 gallons/foot = 17.36 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 90	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 90	PURGING INITIATED AT: 0851	PURGING ENDED AT: 1252	TOTAL VOLUME PURGED (gallons): 48.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1018	17.4	17.4	0.2	69.64	10.99	23.4	691	0.45	1.02	Clear	None
1040	4.4	21.8	0.2	69.64	10.99	23.4	703	0.45	1.17	Clear	None
1102	4.4	26.2	0.2	69.64	8.78	23.5	358.6	0.35	2.87	Clear	None
1124	4.4	30.6	0.2	69.64	7.96	23.4	414.4	0.36	1.45	Clear	None
1146	4.4	~~34.35~~ Protocol	0.2	69.64	7.65	23.4	429.4	0.33	0.99	Clear	None
1208	4.4	39.4	0.2	69.64	7.51	23.3	434.7	0.41	1.09	Clear	None
1230	4.4	43.8	0.2	69.64	7.43	23.4	439.7	0.44	1.06	Clear	None
1252	4.4	48.2	0.2	69.64	7.40	23.4	442.2	0.31	0.65	Clear	None
							8/26/21				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1252	SAMPLING ENDED AT: 1255
PUMP OR TUBING DEPTH IN WELL (feet): 90	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
					ORP		VOC		400
					1208 (-198.9)				
SEE COC FOR ANALYSIS					1230 (-212.9)				
					1252 (-220.5)				

REMARKS: ORP: 1018 (-167.2) 1040 (-172.2) 1102 (-154.3) 1124 (-178.4) 1146 (-195.5)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-20B	SAMPLE ID: TH-20B	DATE: 8/26/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 12.80 ft to 22.80 ft	STATIC DEPTH TO WATER (feet): 9.46	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (22.8 feet − 9.46 feet) X 0.16 gallons/foot = 2.13 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1351	TOTAL VOLUME PURGED (gallons): 3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1339	2.2	2.2	0.1	9.91	5.74	26.5	183.9	0.29	2.08	Clear	None
1345	0.6	2.8	0.1	9.91	5.71	26.4	183.9	0.29	1.83	Clear	None
1351	0.6	3.4	0.1	9.91	5.70	26.3	184.8	0.25	1.86	Clear	None

8/26/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1351	SAMPLING ENDED AT: 1355
PUMP OR TUBING DEPTH IN WELL (feet): 19	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1339 (-81.6) 1345 (-89.6) 1351 (-94.7)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-70A	SAMPLE ID: TH-70A	DATE: 08/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 21.58 ft to 36.58 ft	STATIC DEPTH TO WATER (feet): 26.33	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (36.58 feet – 26.33 feet) X 0.16 gallons/foot = 1.64 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33 ~~35.58~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33 ~~35.58~~	PURGING INITIATED AT: 0857	PURGING ENDED AT: 0938	TOTAL VOLUME PURGED (gallons): 10.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0904	1.75	1.75	0.25	27.15	6.17	26.5	537	1.74	368	Orange	None
0911	1.75	3.50	0.25	27.15	6.22	26.6	516	2.42	104.8	Orange	None
0918	1.75	5.25	0.25	27.15	6.22	26.6	508	2.43	193.4	Orange	None
0925	1.75	7.00	0.25	27.15	6.25	26.8	489.4	2.21	202.6	Orange	None
0932	1.75	8.75	0.25	27.15	6.27	26.9	482.5	3.25	156.2	Orange	None
0934	0.5	9.25	0.25	27.15	6.29	27.0	479.4	2.59	176.6	Orange	None
0936	0.5	9.75	0.25	27.15	6.31	27.0	478.6	2.66	174.4	Orange	None
0938	0.5	10.25	0.25	27.15	6.31	27.0	477.0	2.69	173.6	Orange	None

8/27/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Tounsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0938	SAMPLING ENDED AT: 0941
PUMP OR TUBING DEPTH IN WELL (feet): 35.58	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
					ORP		VOC		400
					0934 (-59.9)				
SEE COC FOR ANALYSIS					0936 (-61.8)				
					0938 (-63.4)				

REMARKS: **ORP:** 0904 (-39.3) 0911 (-46.7) 0918 (-51.3) 0925 (-53.9) 0932 (-58.2)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-69A	SAMPLE ID: TH-69A	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 20 ft to 35 ft	STATIC DEPTH TO WATER (feet): 25.41	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (35 feet − 25.41 feet) X 0.16 gallons/foot = 1.53 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 0958	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1006	1.6	1.6	0.2	25.51	5.95	26.9	499.3	0.50	8.47	Clear	None
1008	0.4	2.0	0.2	25.51	5.95	26.8	498.6	0.49	6.02	Clear	None
1010	0.4	2.4	0.2	25.51	5.95	26.7	497.3	0.49	6.83	Clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, A Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1010	SAMPLING ENDED AT: 1013
PUMP OR TUBING DEPTH IN WELL (feet): 32 8/27/21	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1006 (-94.3) 1008 (-95.4) 1010 (-94.9)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-71A	SAMPLE ID: TH-71A	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.5	WELL SCREEN INTERVAL DEPTH: 22.78 ft to 37.78 ft	STATIC DEPTH TO WATER (feet): 23.28	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (37.78 feet − 23.28 feet) X 0.16 gallons/foot = 2.32 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1128	TOTAL VOLUME PURGED (gallons): 14.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1040	2.5	2.5	0.25	23.32	5.90	25.6	1326	0.86	66.9	orange Cloudy	None
1050	2.5	5.0	0.25	23.32	5.92	25.9	1351	0.33	68.9	Cloudy	None
1100	2.5	7.5	0.25	23.32	5.92	25.7	1343	0.30	81.0	Cloudy	None
1110	2.5	10.0	0.25	23.32	5.93	25.9	1350	0.28	81.2	Cloudy	None
1120	2.5	12.5	0.25	23.32	5.93	25.8	1350	0.25	34.4	Cloudy	None
1122	0.5	13.0	0.25	23.32	5.94	25.7	1347	0.33	68.6	Cloudy	None
1124	0.5	13.5	0.25	23.32	5.94	25.6	1342	0.55	78.3	Cloudy	None
1126	0.5	14.0	0.25	23.32	5.93	25.6	1342	0.35	73.9	Cloudy	None
1128	0.5	14.5	0.25	23.32	5.93	25.6	1345	0.32	78.3	Cloudy	Non

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, M. Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1128	SAMPLING ENDED AT: 1131
PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
					ORP		VOC		400
					1122 (-51.5)				
	SEE COC FOR ANALYSIS				1124 (-51.1)				
					1126 (-50.6)				
					1128 (-50.4)				

REMARKS: **ORP:** 1040 (-41.0) 1050 (-47.3) 1100 (-49.4) 1110 (-51.0) 1120 (-51.8)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-68	SAMPLE ID: TH-68	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 12.2 ft to 22.2 ft	STATIC DEPTH TO WATER (feet): 12.54	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (22.2 feet – 12.54 feet) X 0.16 gallons/foot = 1.55 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.2	PURGING INITIATED AT: 1146	PURGING ENDED AT: 1206	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1202	1.6	1.6	0.1	17.71	5.49	29.3	166.4	0.87	19.4	clear	None
1204	0.2	1.8	0.1	17.71	5.52	29.5	169.0	0.89	16.5	clear	None
1206	0.2	2.0	0.1	17.71	5.52	29.5	167.6	1.25	18.6	clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1206	SAMPLING ENDED AT: 1209
PUMP OR TUBING DEPTH IN WELL (feet): 21.2	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1202(29.1) 1204(29.6) 1206(29.1)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-64	SAMPLE ID: TH-64	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 13.17 ft to 23.17 ft	STATIC DEPTH TO WATER (feet): 16.25	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (23.17 feet − 16.25 feet) X 0.16 gallons/foot = 1.11 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.17	PURGING INITIATED AT: 1229	PURGING ENDED AT: 1245	TOTAL VOLUME PURGED (gallons): 1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1241	1.2	1.2	0.1	16.40	4.70	28.2	157.4	0.96	14.2	Clear	None
1243	0.2	1.4	0.1	16.4	4.71	28.1	157.2	0.92	12.5	Clear	None
1245	0.2	1.6	0.1	16.4	4.72	28.2	158.2	0.95	11.2	Clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1248
PUMP OR TUBING DEPTH IN WELL (feet): 22.17	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1241 (189.0) 1243 (184.0) 1245 (180.3)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-61	SAMPLE ID: TH-61	DATE: 08/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 15.9 ft to 25.9 ft	STATIC DEPTH TO WATER (feet): 16.58	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (25.9 feet − 16.58 feet) X 0.16 gallons/foot = ~~1.35~~ 1.49 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

8/27/21

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.9	PURGING INITIATED AT: 1304	PURGING ENDED AT: 1315	TOTAL VOLUME PURGED (gallons): 2.42

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1311	1.54	1.54	0.22	17.12	5.37	26.5	207.9	1.06	1.89	Clear	None
1313	0.44	1.98	0.22	17.12	5.38	26.4	206.9	0.74	1.82	Clear	None
1315	0.44	2.42	0.22	17.12	5.39	26.4	205.1	0.91	1.64	Clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1315	SAMPLING ENDED AT: 1318
PUMP OR TUBING DEPTH IN WELL (feet): 24.9	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1311 (132.7) 1313 (116.5) 1315 (99.3)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-61A	SAMPLE ID: TH-61A	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 13.18 ft to 23.18 ft	STATIC DEPTH TO WATER (feet): 16.12	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (23.18 feet – 16.12 feet) X 0.16 gallons/foot = 1.13 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.18	PURGING INITIATED AT: ~~1325~~ 1419 8/27/21	PURGING ENDED AT: 1435	TOTAL VOLUME PURGED (gallons): 1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or %-saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
~~1337~~	1.2	1.2	0.1	~~16.95~~							
~~1339~~	0.2	0.2	0.1	~~16.95~~			8/27/21	Rain Delay			
~~1341~~	0.2	0.2	0.1	~~16.95~~							
1431	1.2	1.2	0.1	17.14	5.56	26.0	246.6	1.70	1.75	Clear	None
1433	0.2	1.4	0.1	17.14	5.56	26.0	245.2	1.74	1.82	Clear	None
1435	0.2	1.6	0.1	17.14	5.55	26.0	244.0	1.66	1.91	Clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1435	SAMPLING ENDED AT: 1438

PUMP OR TUBING DEPTH IN WELL (feet): 22.18	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** ~~1337~~ 8/27/21 1431 (98.6) 1433 (100.0) 1435 (101.7)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-83	SAMPLE ID: TH-83	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 5.47 ft to 15.47 Ft	STATIC DEPTH TO WATER (feet): 7.89	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (15.47 feet − 7.89 feet) X 0.16 gallons/foot = 1.21 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.47	PURGING INITIATED AT: 1455	PURGING ENDED AT: 1524	TOTAL VOLUME PURGED (gallons): 1.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1520	1.25	1.25	0.05	7.89	6.19	26.9	644	3.27	3.31	Clear	None
1522	0.10	1.35	0.05	7.89	6.20	27.0	652	3.33	3.43	Clear	None
1524	0.10	1.45	0.05	7.89	6.22	27.0	658	3.31	3.80	Clear	None

8/27/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Tawsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1524	SAMPLING ENDED AT: 1527
PUMP OR TUBING DEPTH IN WELL (feet): 14.47	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1520 (100.6) 1522 (100.2) 1524 (100.2)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Equipment Blank	SAMPLE ID: Equipment Blank	DATE: 08/23/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet − N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

8/23/21
Equipment Blank

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0858	SAMPLING ENDED AT: 0859
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Duplicate	SAMPLE ID: Duplicate	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X 0.16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

8/27/21
DUPLICATE

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Downzl	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: N/A	SAMPLING ENDED AT: N/A
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Field Blank	SAMPLE ID: Field Blank	DATE: 8/27/21

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

8/27/21 Field Blank

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Townsel	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1307	SAMPLING ENDED AT: 1310
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Duplicate	SAMPLE ID: Duplicate	DATE: 8/25/21

PURGING DATA

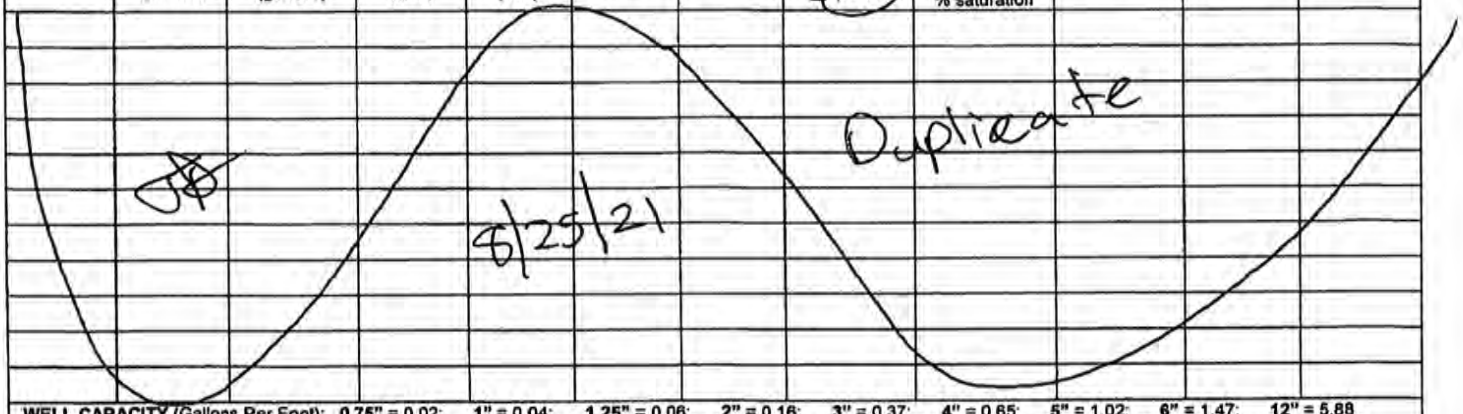
WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X 0.16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)



WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Aguilar J. Grayson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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6

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-66	SAMPLE ID: TH-66	DATE: 8/31/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 11.30 ft to 21.30 ft	STATIC DEPTH TO WATER (feet): 8.33	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (21.30 feet − 8.33 feet) X 0.16 gallons/foot = 2.08 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1300	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 4.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1321	2.1	2.1	0.1	8.50	5.69	27.5	230.3	0.45	1.13	Clear	Sulphur
1327	0.6	2.7	0.1	8.50	5.75	27.5	228.3	0.35	0.87	Clear	Sulphur
1333	0.6	3.3	0.1	8.50	5.73	27.2	226.6	0.29	0.54	Clear	Sulphur
1339	0.6	3.9	0.1	8.50	5.76	27.4	225.2	0.24	0.36	Clear	Sulphur
1345	0.6	4.5	0.1	8.50	5.73	27.2	223.3	0.22	0.15	Clear	Sulphur

8/31/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Aguilar	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1345	SAMPLING ENDED AT: 1355
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400

REMARKS: **ORP:** 1321(-47.3), 1327(-54.6), 1333(-57.1), 1339(-61.9), 1345(-62.0)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-67	SAMPLE ID: TH-67	DATE: 9/1/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 5.25 ft to 15.25 ft	STATIC DEPTH TO WATER (feet): 5.20	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (15.25 feet − 5.20 feet) X 0.16 gallons/foot = 1.61 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25	PURGING INITIATED AT: 0948	PURGING ENDED AT: 1020	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or ~~µS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1005	1.7	1.7	0.1	5.96	6.18	27.6	284	0.87	2.71	Clear	None
1010	0.5	2.2	0.1	5.99	6.16	27.7	292	0.51	1.52	Clear	None
1015	0.5	2.7	0.1	5.99	6.18	27.7	296	0.41	2.25	Clear	None
1020	0.5	3.2	0.1	5.99	6.16	27.8	299	0.38	0.88	Clear	None
					MDT						
					9/1/21						

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Towarek / HCPOD	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1026

PUMP OR TUBING DEPTH IN WELL (feet): 14.25	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400 mL

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1005 (18.0) 1010 (16.9) 1015 (17.3) 1020 (15.4)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-79	SAMPLE ID: TH-79	DATE: 9/1/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 7.80 ft to 17.80 Ft	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (17.80 feet − 7.39 feet) X 0.16 gallons/foot = 1.67 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.80	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.80	PURGING INITIATED AT: 1044	PURGING ENDED AT: 1111	TOTAL VOLUME PURGED (gallons): 2.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1101	1.7	1.7	0.1	9.78	5.65	26.7	384	3.00	17.8	Slightly Cloudy	None
1106	0.5	2.2	0.1	9.78	5.65	26.6	385	3.06	12	Clear	None
1111	0.5	2.7	0.1	9.78	5.66	26.6	387	3.01	11.3	Clear	None

MDT

9/1/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Townsel / HCPW	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1111	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): 16.80	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
							VOC		400ml

SEE COC FOR ANALYSIS

REMARKS: **ORP:** 1101 (−21.7) 1106 (−18.7) 1111 (−14.8)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Barnes	SAMPLE ID: Barnes	DATE: 9/1/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: Valve

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1215	PURGING ENDED AT: 1226	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1226	N/A	N/A	N/A	N/A	7.09	24.1	417.2	0.32	0.28	Clear	None

MDT 9/1/21

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Townsel / HCPUD	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1226	SAMPLING ENDED AT: 1230
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1226 (-18.3)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Holland	SAMPLE ID: Holland	DATE: 9/1/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: Valve

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet − N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1153	N/A	N/A	N/A	N/A	6.78	24.3	464.2	0.23	1.82	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Townsel / HCPaS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1153	SAMPLING ENDED AT: 1157
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
									400

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1153 (− 170.4)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Keene	SAMPLE ID: Keene	DATE: 9/1/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: Valve

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet − N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: **1 EQUIPMENT VOL.** = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1255	N/A	N/A	N/A	N/A	7.44	25.1	420.7	0.51	1.12	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Townsel (HCPW	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1255	SAMPLING ENDED AT: 1259
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1255 (-8.6)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater