

Smith, George

From: Townsel, Michael <TownselM@HillsboroughCounty.ORG>
Sent: Friday, June 17, 2022 2:15 PM
To: Chamberlain, Justin; Madden, Melissa
Cc: SWD_Waste; Watson, Edward; Aguilar, Tiffany; Morales, Moises; Irene Barnes; Ruiz, Larry; Byer, Kimberly
Subject: Southeast County Landfill Semi-Annual Water Quality Report, Facility ID SWD/29/41193
Attachments: 2022-02 SELF ADR.pdf

EXTERNAL MESSAGE

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Good Afternoon,

Please see attached the semi-annual water quality report for the Southeast County Landfill. Should you have any questions, please feel free to reach out.

Best Regards,

Michael D. Townsel

Senior Hydrogeologist

Public Utilities Department – Environmental Services

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Hillsborough County

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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 Jeffrey S. Greenwell, P.E. Title Manager
Address 332 North Falkenburg Road
City Tampa Zip 33619 County Hillsborough
Telephone Number (813) 612-7757
Email address (if available) greenwellj@HCFLgov.net

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.

6/17/2022

(Date)

Michael D. Townsel

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

- Sampling Organization Hillsborough County Public Utilities Dept.
- Analytical Lab NELAC / HRS Certification # #E82574 and E84589
- Lab Name Advanced Environmental Laboratories
- Address 9610 Princess Palm Avenue, Tampa, FL 33619
- Phone Number (813) 630-9616
- 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 #35435-026-SO-MM
WACS Facility #SWD/29/41193**

Groundwater Quality Report - February 2022

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

Michael D. Townsel
Michael D. Townsel 6/17/2022
**Hydrologist
Environmental Services Division
Public Utilities Department**

Jeffrey S. Greenwell
Jeffrey S. Greenwell, P.E. 06/17/2022
**Section Manager
Environmental Services Division
Public Utilities Department**

Background

The Hillsborough County Public Utilities Department (County) has prepared the semi-annual groundwater monitoring report for the February 2022 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 between February 7-11, 2022 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). An updated site map of each monitoring location is depicted in **Figure 1**.

Evaluation monitoring is currently ongoing for monitoring well TH-83. The evaluation monitoring plan, corrective actions, and prevention measures in accordance with Rule 62-701.510 F.A.C. for water quality east and south of the Phase II area of the landfill are being implemented and shall be submitted in accordance with the Department of Environmental Protection (Department) letter dated November 20, 2020. A brief summary of the water quality monitoring event is detailed below.

Groundwater Elevation and Flow

Groundwater and surface water elevations were recorded on 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.

Water Quality Data - Surficial Aquifer Monitoring Wells

pH

Each surficial aquifer monitoring well except for TH-28A, TH-58, and TH-70A continues to exhibit pH below the Secondary Drinking Water Standard (SDWS) acceptable range of 6.5 to 8.5 pH units from 4.71 to 6.30 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.

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. The surficial aquifer detection monitoring well is located

SOUTHEAST COUNTY LANDFILL SEMI-ANNUAL MONITORING WELLS LOCATION MAP

Hillsborough
County Florida

Well Designation

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



NOTE: Every reasonable effort has been made to assure the accuracy of this map. Hillsborough County does not assume any liability arising from the 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: The map has been prepared by the Inventory of all property found within Hillsborough County and is compiled from recorded deeds, plats, and other public records. I have been given the BEST AVAILABLE data.

Users of this map are hereby notified that the disseminated public primary information sources should be consulted for the most current information.

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down gradient west-northwest of Section 9 and exhibited TDS at 1,140 mg/l, 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 with a value of 2 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.

County groundwater sampling personnel have also observed ongoing iron-rich microbial processes in each detection well along the west side of Section 9 over the period of record. The County continues to perform routine maintenance on TH-69A and TH-71A prior to the scheduled sampling event as the bacteria continues to inhibit the ability to collect groundwater samples. Poor quality soils rich in iron deposited during the construction of the Section 9 landfill cell is also a contributing factor to the elevated TDS.

An overall upward trend in TDS continues for TH-71A over the period of record and 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. The County shall closely monitor the water quality along the west side of Section 9 on the effectiveness of the storm water improvements.

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 charts included in **Appendix A**, chloride was detected above the SDWS in TH-71A at 358 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.

Arsenic

Arsenic was detected above the Primary Drinking Water Standard (PDWS) of 0.01 mg/l in surficial aquifer detection monitoring well TH-58 at 0.012 mg/l and detection monitoring well TH-65 at 0.02 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.

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 0.37 to 44 mg/l with the highest concentrations in surficial aquifer detection wells TH-69A, 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.

Vanadium

Vanadium was detected above the Primary Drinking Water Standard (PDWS) of 0.049 mg/l in surficial aquifer detection monitoring well TH-83 at 0.083 mg/l and is consistent since the well was installed as part of the evaluation monitoring of Phase II. The certified laboratory report from AEL for the surficial aquifer monitoring wells is included in **Appendix B**.

Water Quality Data - 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 of 500 mg/l for TDS including TH-72. UFA monitoring well TH-72 has exhibited elevated TDS exceeding the standard over the period of record and contrary with the historical data presented. 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. Review of the indicator parameters sodium, chloride, ammonia, and conductivity also indicated a decline in concentrations during this monitoring event.

pH

Each upper Floridan aquifer monitoring well except for compliance monitoring well TH-78 continues to exhibit pH within the Secondary Drinking Water Standard (SDWS) acceptable range of 6.5 to 8.5 pH units. The pH in TH-78 was outside the range at 9.77 pH units. The County adjusted the depth of the dedicated bladder pump in early 2021 to enhance FDEP SOP FS-2200 protocols. The well purge process requires additional time to stabilize the pH from initial field readings of approximately 10 pH units to 8 pH units. All other water quality exhibited in the UFA was within respective standards and demonstrates no impacts to downgradient receptors.

Volatile Organic Constituents (VOCs)

A value of 1.7 ug/l for tetrachloroethylene was detected below the standard in TH-78 but based upon historical water quality and no VOC's detected over the period of record, the County believes the result to be an outlier. The County shall continue to closely observe the water quality during the next monitoring event scheduled in August 2022.

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 0.52 mg/l, 0.73 mg/l, 6.27 mg/l, and 7.86 mg/l. Sample location Stream-3A is the upstream tributary to Long Flat Creek and representative of surface water entering the Southeast County Landfill property. 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.

Mercury

Surface water sampling locations Stream 3A, SW-3B2B, and Stream 3C2 are located in the tributary west of the landfill. Each location exhibited water quality results above the surface water standard of 0.000012 ug/l as outlined in Chapter 62-302, F.A.C. The results were 0.000022 ug/l, 0.000031 ug/l, and 0.000027 ug/. Each result was "I qualified" and defined as "between the practical quantitation limit and method detection limit". Over the period of record, the County has not observed exceedances of mercury in the surface water or surficial aquifer groundwater. Mine Cut 1D sample did not have detectable mercury; however, the duplicate sample collected from this location exhibited mercury at 0.00002 i and leads to believe the detections are likely laboratory outliers. The County shall continue to closely monitor the mercury in the surface waters at the Southeast County Landfill.

Evaluation Monitoring

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 wells TH-22A and TH-84. Representative groundwater samples were collected for the evaluation monitoring on February 9, 2022.

Vanadium was observed from detection monitoring well TH-83 above the Ground Cleanup Target Level (GCTL) of 0.049 mg/l at a concentration at 0.11 mg/l. Vanadium results from compliance monitoring well TH-84 were below the GCTL at a concentration at 0.037 mg/l. All other parameters were within their respective cleanup standards and the water quality remains relatively unchanged.

Conclusions

Water quality observations at the Southeast County Landfill remains relatively consistent with the historical data set. Surficial aquifer groundwater monitoring wells continue to exhibit pH, TDS, iron, chloride, 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. Based on groundwater flow direction of the surficial aquifer, no downgradient receptors or migration off site of the arsenic is observed.

Monitoring well TH-71A exhibited TDS above the SDWS and continues to be attributable to storm water runoff from the surface of Section 9. As the chloride and sodium continue 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.

Water quality in surficial aquifer monitoring well TH-83, southeast of the Phase II waste disposal area, continued to exhibit pH outside of the SDWS range and vanadium above the Primary Drinking Water Standard. Surficial aquifer monitoring well TH-84, the compliance point for TH-83, exhibited vanadium below the PDWS. As ongoing implementation of corrective actions continue, water quality improvements are anticipated as constituent levels continue to return to background conditions.

Over the period of record, Upper Floridan Aquifer (UFA) monitoring well TH-72 exhibited water quality impacts that were attributable to the former sinkhole within Phase VI of the landfill. During the monitoring event, TDS, chloride, conductivity, sodium, and iron were below their respective standards. The results are not consistent with the historical data exhibited; however, the County will be closely observing the water quality during the August 2022 groundwater monitoring event.

The downgradient compliance point for the monitoring of Phase VI, identified as TH-78, continues to exhibit water quality within their respective standards, except for pH. The County adjusted the depth of the dedicated bladder pump in early 2021 to enhance FDEP SOP FS-2200 protocols. The well purge process requires additional time to stabilize the pH from initial field readings of approximately 10 pH units to 8 pH units.

Surface water sampling results for mercury at locations Stream 3A, SW-3B2B, and Stream 3C2 were above the surface water standard of 0.000012 ug/l between the practical quantitation limit and method detection limit. Over the period of record, the County has not observed exceedances of mercury in the surface water or surficial aquifer groundwater. Mine Cut 1D sample did not have detectable mercury; however, the duplicate sample collected from this location exhibited mercury at 0.00002 i and leads to believe the detections are likely laboratory outliers.

FIGURE 2

**SOUTHEAST COUNTY LANDFILL
SURFICIAL AQUIFER GROUNDWATER
CONTOUR MAP**

FEBRUARY 7, 2022

2020 AERIAL PHOTO



**Hillsborough
County Florida**

Legend

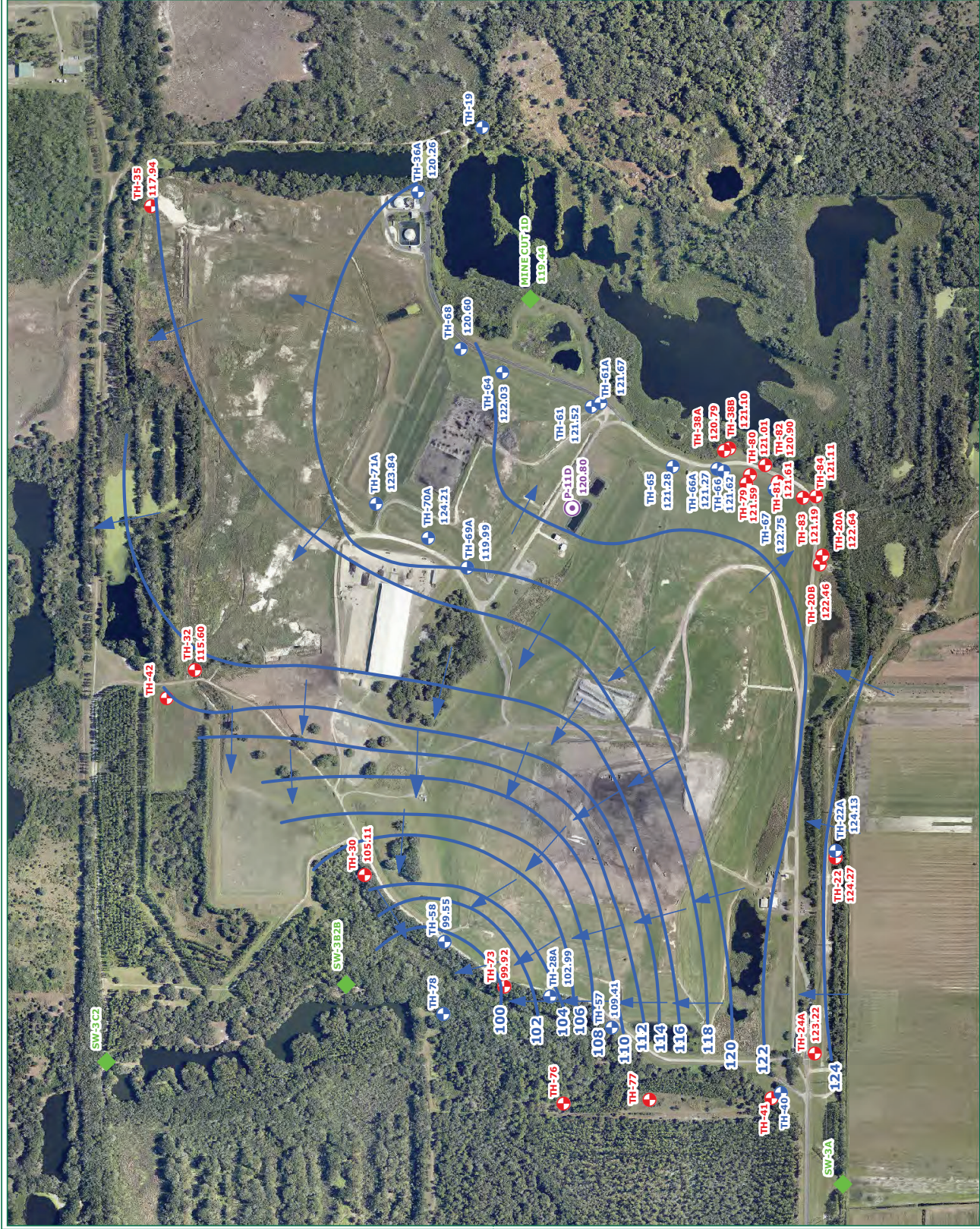
Well Designation

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



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**Table 1 - Southeast County Landfill
Groundwater and Surface Water Elevations
02/07/22**

Measuring Point I.D.	T.O.C. Elevations (NGVD)	W.L. B.T.O.C.	W.L. (NGVD)	Time
P-11D	138.02	17.21	120.81	1254
TH-19*	130.27	100.07	30.20	1305
TH-20A	131.86	9.22	122.64	900
TH-20B	132.57	10.11	122.46	901
TH-22	128.82	4.55	124.27	847
TH-22A	129.27	5.14	124.13	846
TH-24A	128.23	5.01	123.22	831
TH-28A	131.10	28.11	102.99	1218
TH-30	128.88	23.77	105.11	1203
TH-32	129.90	15.77	114.13	1231
TH-35	145.98	28.04	117.94	1245
TH-36A	152.70	32.44	120.26	1255
TH-38A	130.68	9.89	120.79	1204
TH-38B	131.81	10.71	121.10	1207
TH-40*	124.99	92.94	32.05	1130
TH-41*	125.00	100.95	24.05	1132
TH-42*	116.74	65.84	50.90	1235
TH-57	128.36	18.95	109.41	1222
TH-58	127.88	28.33	99.55	1207
TH-61	138.73	17.21	121.52	1332
TH-61A	139.45	17.78	121.67	1333
TH-64	139.64	17.61	122.03	1246
TH-65	135.40	14.12	121.28	1227
TH-66	130.58	8.96	121.62	1217
TH-66A	130.66	9.39	121.27	1220
TH-67	129.51	6.76	122.75	1146
TH-68	140.01	13.81	126.20	1250
TH-69A	144.97	24.98	119.99	1258
TH-70A	146.63	22.42	124.21	1304
TH-71A	146.95	23.11	123.84	1315
TH-72*	130.96	92.32	38.64	1211
TH-73	131.07	31.15	99.92	1213
TH-76*	111.21	72.66	38.55	1146
TH-77*	119.88	81.17	38.71	1139
TH-78*	120.75	73.79	46.96	1155
TH-79	129.60	8.01	121.59	1151
TH-80	129.52	8.51	121.01	1157
TH-81	130.26	8.65	121.61	1123
TH-82	131.24	10.34	120.90	1127
TH-83	130.23	9.04	121.19	909
TH-84	134.92	13.81	121.11	907
SW-3A	3.0'=125.53'	1.90	123.63	1103
SW-3B2B	3.0'=97.97'	ND	ND	ND
SW-3C2	6.0'=92.33'	1.40	90.93	1010
Mine Cut #1	4.0'=122.14'	3.18	118.96	940
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				

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	2/7/2022	2/7/2022	2/7/2022	2/7/2022	NS
conductivity (umhos/cm) (field)	369.5	197.7	327.7	280.9	1275
dissolved oxygen (mg/l) (field)	0.52	0.73	6.27	7.86	*
DO Saturation (%) (field)	5.40	7.60	65.20	82.30	*
ORP (mV) (field)	150.1	167.4	150.3	163.2	NS
temperature (°C) (field)	16.6	16.8	17.0	16.4	NS
turbidity (NTU) (field)	5.80	1.28	2.10	1.32	29 above background
pH (SU) (field)	6.75	6.06	6.49	6.91	(6.0 - 8.5)
total dissolved solids (mg/l)	246	110	222	192	NS
total suspended solids (mg/l)	8.8	9.2	2.0 U	2.0 U	NS
total nitrogen (mg/l)	3.930	0.480	0.765	0.637	NS
nitrate (as N) (mg/l)	0.092 U	0.092 U	0.390	0.220	NS
total phosphorous (mg/l)	3.600	0.150 U	0.150 U	0.450	NS
biochem. oxygen demand (mg/l)	7.7	3.6	2.0 U	2.0 U	NS
chemical oxygen demand (mg/l)	70	20 U	20 U	25 I	NS
total organic carbon (mg/l as C)	19.00	6.00	8.00	10.00	NS
chlorophyll-A (mg/m3)	412.0	2.5 U	2.5 U	3.0	NS
total hardness (mg/l as CaCO3)	116.0	80.0	100.0	100.0	NS
unionized ammonia (mg/l)	0.0002000	0.0000080 I	0.0000100 I	0.0000300 U	0.02
fecal coliform (Col/100ml)	64	11	300	800	800
Metals (mg/l)					MCL Standard
antimony	0.0010 U	0.0010 U	0.0010 U	0.0010 U	4.3
arsenic	0.00045 I	0.00029 I	0.00030 I	0.00039 I	0.05
barium	0.00180 I	0.02100	0.01700	0.01100	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	0.00051 I	0.00050 U	0.00062 I	0.00078 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	0.1300	0.0400 I	0.2200	0.1200	1
lead	0.00050 U	0.00050 U	0.00050 U	0.00050 U	e(1.273[lnH]-4.705)
mercury	0.000011 U	0.000022 I	0.000031 I	0.000027 I	0.000012
nickel	0.0012 U	0.0012 U	0.0012 U	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	0.0010 U	0.0010 U	0.0018 I	NS
zinc	0.050 U	0.050 U	0.050 U	0.050 U	e(0.8473[lnH]+0.884)
Organic Parameters (ug/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 Tetrachloride	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 hardness expressed as milligrams/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	2/11/2022	2/11/2022	2/11/2022	NS
conductivity (umhos/cm) (field)	281.70	340.00	328.50	NS
dissolved oxygen (mg/l) (field)	3.87	0.41	1.13	NS
ORP (mV) (field)	134.50	91.20	95.60	NS
temperature (°C) (field)	18.10	23.10	13.40	NS
turbidity (NTU) (field)	0.98	1.03	1.15	NS
pH (SU) (field)	7.19	7.14	7.88	(6.5 - 8.5)
total dissolved solids (mg/l)	222	248	296	500
chloride (mg/l)	9.0	14.0	19.0	250
ammonia nitrogen (mg/l as N)	0.010 U	0.100	0.010 U	NS(1)
nitrate (mg/l as N)	0.092 U	0.092 U	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	0.00043 I	0.00025 U	0.01
barium	0.01300	0.00390	0.00050 U	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	0.0024 I	0.0010 U	0.0330	1
iron	0.0067 U	0.0067 U	0.0100 I	0.3
lead	0.00068 I	0.00050 U	0.00460	0.015
mercury	0.000013 I	0.000017 J4I	0.000015 I	0.002
nickel	0.0012 U	0.0012 U	0.0073	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	7.80	6.50	93.00	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	0.050 U	0.069 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 Tetrachloride	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	0.45 U	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 toxicological reference for evaluating the significance of ammonia concentrations in groundwater.

mg/l = Milligrams Per Liter

µg/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

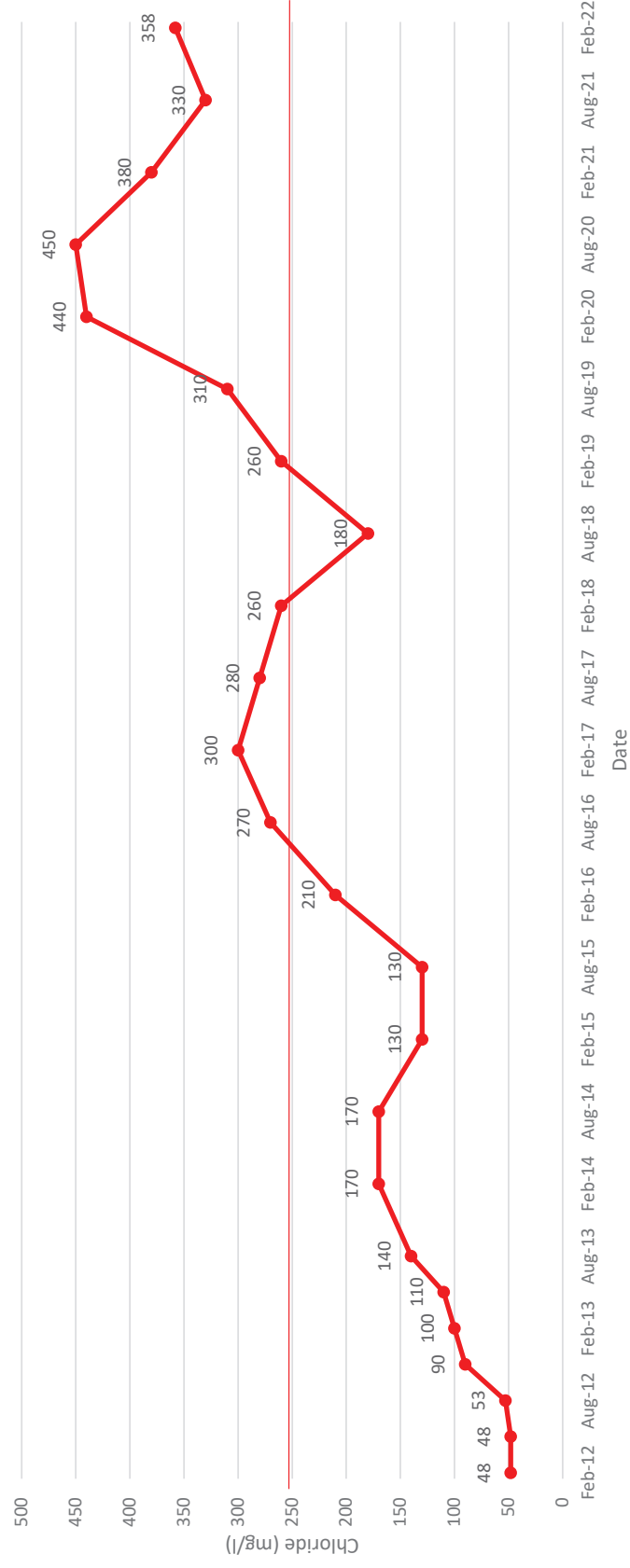
General Parameters		Feb-12	May-12	Aug-12	Nov-12	Feb-13	May-13	Aug-13	Feb-14	Aug-14	Feb-15	Aug-15	Feb-16	Aug-16	Feb-17	Aug-17	Feb-18	Aug-18	Feb-19	Aug-19	Feb-20	Aug-20	Feb-21	Aug-21	Feb-22	MCL Standard
conductivity (umhos/cm) (field)		741	734	731	922	815	782	880	1167	1351	1423	1191	1335	1574	1578	1524	1435	1267	1408	1476	1791	1925	1784	1345	1576	NS
dissolved oxygen (mg/l) (field)		0.24	0.39	0.12	0.16	0.22	0.15	0.19	0.52	0.21	0.08	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	2.63	NS
ORP (mv)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-54.6	-42.8	-54.7	-38.6	-75.6	-20.6	-40.4	-48	-36.1	-35.1	-50.4	27.8	NS
temperature (°C) (field)		24.10	25.90	24.50	24.50	24.62	24.65	24.62	24.62	24.65	24.65	24.65	24.64	24.64	24.73	25.04	25.11	25.1	24.7	25.1	25.1	25.2	25.1	25.6	25.1	NS
pH (field)		6.03	5.84	5.85	6.11	6.09	6.42	6.29	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	5.98	(6.5 - 8.5)**
total dissolved solids (mg/l)		450	380	400	400	550	510	530	590	800	760	610	660	850	890	1500	840	810	1100	920	1100	1000	1100	1400	1140	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	338	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	2	NS(1)
nitrate (mg/l as N)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.18 u	0.11	0.13	0.095	0.13	0.16	0.14	30*
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	0.0023 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	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u	0.0023 u
arsenic		0.0018	0.0042	0.0053	0.0088	0.0034	0.0031	0.0044	0.0041	0.0036	0.0042	0.0045	0.0038	0.0041	0.0041	0.0039	0.0048	0.0049	0.0044	0.0047	0.0049	0.0051	0.0048	0.0049	0.0049	0.0049
barium		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	0.0025 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	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u
beryllium		0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u
cadmium		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	0.0025 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	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u	0.0025 u
chromium		0.0014	0.00083	0.00048	0.0023	0.0014	0.00069	0.00037	0.00069	0.00034	0.00041	0.00038	0.00039	0.00038	0.00039	0.00039	0.00038	0.00039	0.00039	0.00039	0.00039	0.00039	0.00039	0.00039	0.00039	0.00039
cobalt		0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u
copper		0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u
lead		0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u	0.0021 u
mercury		0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u	0.000095 u
nickel		0.006	0.0041	0.0033	0.0075	0.0045	0.0035	0.0037	0.0036	0.0024	0.0031	0.0022	0.0016	0.0024	0.0014	0.0018	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
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	0.0010 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
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	0.00025 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
sodium		6.3	6.2	5.5	9.4	7.9	8.8	13	36	20	26	27	31	36	40	42	44	43	46	52	70	91	81	78	88	160*
sulfur		0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
vanadium		0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
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	0.0083 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	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u	0.0083 u
Organic Parameters Detected (ug/l)																										
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	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	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u
actione		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	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	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u	9.9 u

NOTE: Reference FDEP Groundwater Guidance Concentrations
NS= No Standard
ND= No Data (ORP was not collected during sampling event)
MCL= Maximum Contaminant Level
80= Below Detection Limit
**= Primary Drinking Water Standard
***= Secondary Drinking Water Standard
FDEP Guidance Concentration MCL
NTU= Nephelometric Turbidity Units
ug/l= Micrograms Per Liter
mg/l= Milligrams Per Liter
NGW= National Geodetic Vertical Datum

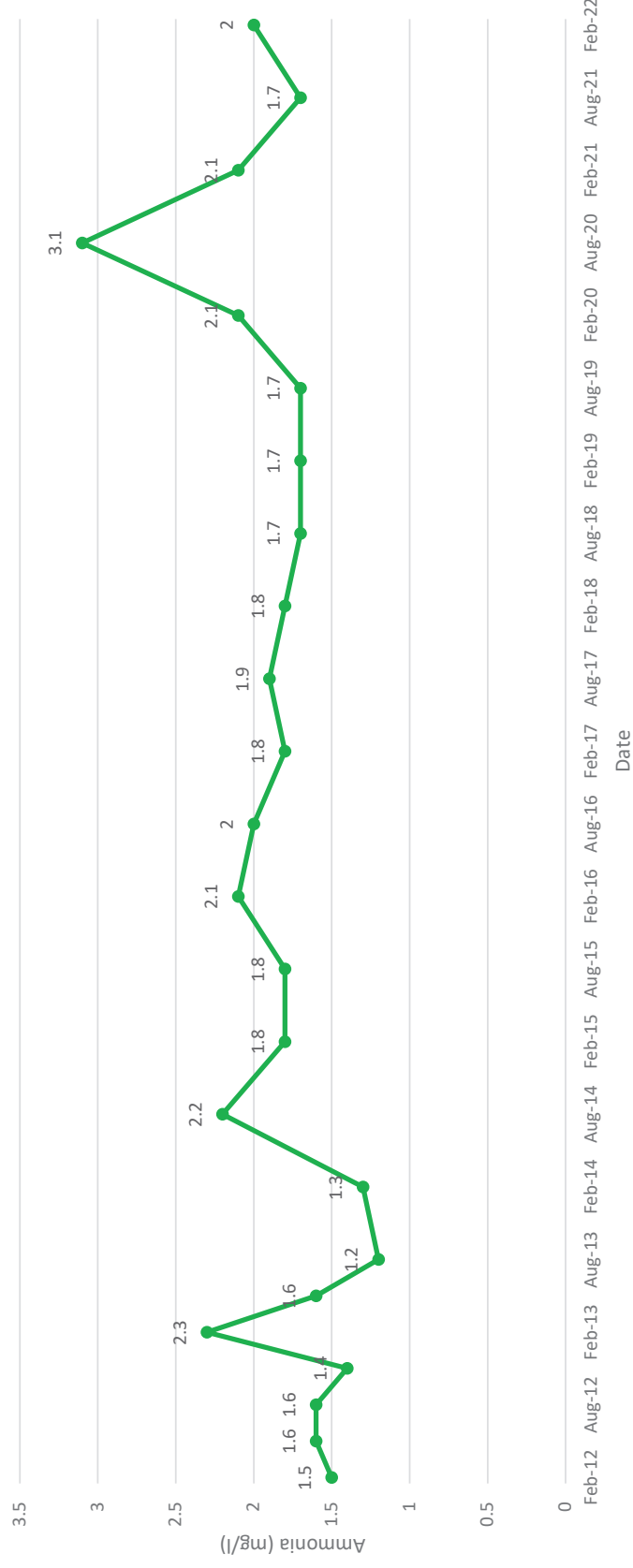
Southeast County Landfill - Monitoring Well TH-71A
 Total Dissolved Solids



Southeast County Landfill - Monitoring Well TH-71A Chloride

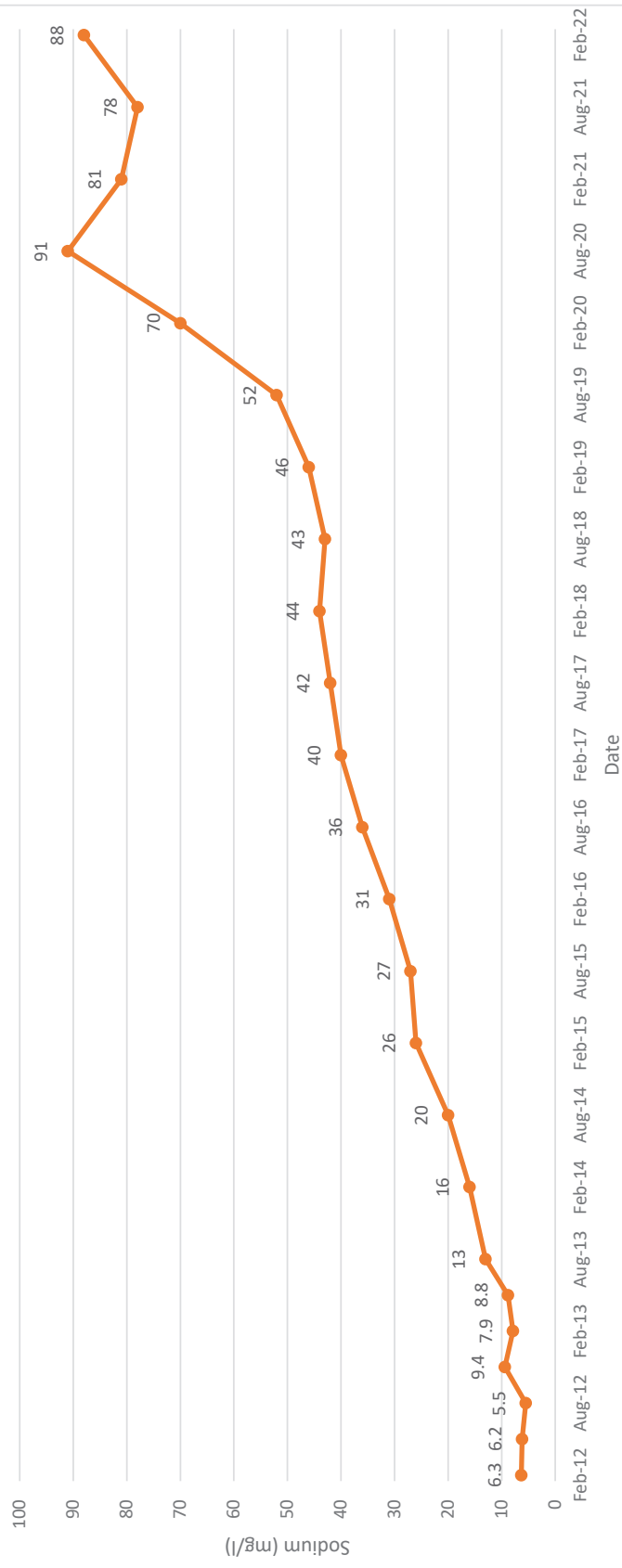


Southeast County Landfill - Monitoring Well TH-71A
Ammonia



Southeast County Landfill -Monitoring Well TH-71A

Sodium



Attachment B

February 2022 Semi-Annual

Laboratory Data Report



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SELF Semi-Annual (T2202715)

April 11, 2022

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

RE: Workorder: T2202715 SELF Semi-Annual

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory between Monday February 7, 2022 and Friday February 11, 2022. 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, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715001	Trip Blank	WA	SW-846 8260B	02/08/2022 00:00	02/08/2022 14:55	44
T2202715001	Trip Blank	WA	SW-846 8260B (SIM)	02/08/2022 00:00	02/08/2022 14:55	3
T2202715002	Field Blank	WA	EPA 350.1	02/08/2022 09:20	02/08/2022 14:55	1
T2202715002	Field Blank	WA	SM 2540 C	02/08/2022 09:20	02/08/2022 14:55	1
T2202715002	Field Blank	WA	SM 4500-CI-E	02/08/2022 09:20	02/08/2022 14:55	1
T2202715002	Field Blank	WA	SM 4500NO3-F	02/08/2022 09:20	02/08/2022 14:55	1
T2202715002	Field Blank	WA	SW-846 6010	02/08/2022 09:20	02/08/2022 14:55	4
T2202715002	Field Blank	WA	SW-846 6020	02/08/2022 09:20	02/08/2022 14:55	13
T2202715002	Field Blank	WA	SW-846 7470A	02/08/2022 09:20	02/08/2022 14:55	1
T2202715002	Field Blank	WA	SW-846 8260B	02/08/2022 09:20	02/08/2022 14:55	44
T2202715002	Field Blank	WA	SW-846 8260B (SIM)	02/08/2022 09:20	02/08/2022 14:55	3
T2202715003	TH-78	WA	EPA 350.1	02/08/2022 10:17	02/08/2022 14:55	1
T2202715003	TH-78	WA	Field Measurements	02/08/2022 10:17	02/08/2022 14:55	6
T2202715003	TH-78	WA	SM 2540 C	02/08/2022 10:17	02/08/2022 14:55	1
T2202715003	TH-78	WA	SM 4500-CI-E	02/08/2022 10:17	02/08/2022 14:55	1
T2202715003	TH-78	WA	SM 4500NO3-F	02/08/2022 10:17	02/08/2022 14:55	1
T2202715003	TH-78	WA	SW-846 6010	02/08/2022 10:17	02/08/2022 14:55	4
T2202715003	TH-78	WA	SW-846 6020	02/08/2022 10:17	02/08/2022 14:55	13
T2202715003	TH-78	WA	SW-846 7470A	02/08/2022 10:17	02/08/2022 14:55	1
T2202715003	TH-78	WA	SW-846 8260B	02/08/2022 10:17	02/08/2022 14:55	44
T2202715003	TH-78	WA	SW-846 8260B (SIM)	02/08/2022 10:17	02/08/2022 14:55	3
T2202715004	TH-40	WA	EPA 350.1	02/08/2022 09:48	02/08/2022 14:55	1
T2202715004	TH-40	WA	Field Measurements	02/08/2022 09:48	02/08/2022 14:55	6
T2202715004	TH-40	WA	SM 2540 C	02/08/2022 09:48	02/08/2022 14:55	1
T2202715004	TH-40	WA	SM 4500-CI-E	02/08/2022 09:48	02/08/2022 14:55	1
T2202715004	TH-40	WA	SM 4500NO3-F	02/08/2022 09:48	02/08/2022 14:55	1
T2202715004	TH-40	WA	SW-846 6010	02/08/2022 09:48	02/08/2022 14:55	4
T2202715004	TH-40	WA	SW-846 6020	02/08/2022 09:48	02/08/2022 14:55	13
T2202715004	TH-40	WA	SW-846 7470A	02/08/2022 09:48	02/08/2022 14:55	1
T2202715004	TH-40	WA	SW-846 8260B	02/08/2022 09:48	02/08/2022 14:55	44
T2202715004	TH-40	WA	SW-846 8260B (SIM)	02/08/2022 09:48	02/08/2022 14:55	3
T2202715005	TH-58	WA	EPA 350.1	02/08/2022 10:44	02/08/2022 14:55	1
T2202715005	TH-58	WA	Field Measurements	02/08/2022 10:44	02/08/2022 14:55	6
T2202715005	TH-58	WA	SM 2540 C	02/08/2022 10:44	02/08/2022 14:55	1
T2202715005	TH-58	WA	SM 4500-CI-E	02/08/2022 10:44	02/08/2022 14:55	1





FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2202715005	TH-58	WA	SM 4500NO3-F	02/08/2022 10:44	02/08/2022 14:55	1
T2202715005	TH-58	WA	SW-846 6010	02/08/2022 10:44	02/08/2022 14:55	4
T2202715005	TH-58	WA	SW-846 6020	02/08/2022 10:44	02/08/2022 14:55	13
T2202715005	TH-58	WA	SW-846 7470A	02/08/2022 10:44	02/08/2022 14:55	1
T2202715005	TH-58	WA	SW-846 8260B	02/08/2022 10:44	02/08/2022 14:55	44
T2202715005	TH-58	WA	SW-846 8260B (SIM)	02/08/2022 10:44	02/08/2022 14:55	3
T2202715006	TH-22A	WA	EPA 350.1	02/08/2022 10:48	02/08/2022 14:55	1
T2202715006	TH-22A	WA	Field Measurements	02/08/2022 10:48	02/08/2022 14:55	6
T2202715006	TH-22A	WA	SM 2540 C	02/08/2022 10:48	02/08/2022 14:55	1
T2202715006	TH-22A	WA	SM 4500-CI-E	02/08/2022 10:48	02/08/2022 14:55	1
T2202715006	TH-22A	WA	SM 4500NO3-F	02/08/2022 10:48	02/08/2022 14:55	1
T2202715006	TH-22A	WA	SW-846 6010	02/08/2022 10:48	02/08/2022 14:55	4
T2202715006	TH-22A	WA	SW-846 6020	02/08/2022 10:48	02/08/2022 14:55	13
T2202715006	TH-22A	WA	SW-846 7470A	02/08/2022 10:48	02/08/2022 14:55	1
T2202715006	TH-22A	WA	SW-846 8260B	02/08/2022 10:48	02/08/2022 14:55	44
T2202715006	TH-22A	WA	SW-846 8260B (SIM)	02/08/2022 10:48	02/08/2022 14:55	3
T2202715007	TH-72	WA	EPA 350.1	02/08/2022 13:01	02/08/2022 14:55	1
T2202715007	TH-72	WA	Field Measurements	02/08/2022 13:01	02/08/2022 14:55	6
T2202715007	TH-72	WA	SM 2540 C	02/08/2022 13:01	02/08/2022 14:55	1
T2202715007	TH-72	WA	SM 4500-CI-E	02/08/2022 13:01	02/08/2022 14:55	1
T2202715007	TH-72	WA	SM 4500NO3-F	02/08/2022 13:01	02/08/2022 14:55	1
T2202715007	TH-72	WA	SW-846 6010	02/08/2022 13:01	02/08/2022 14:55	4
T2202715007	TH-72	WA	SW-846 6020	02/08/2022 13:01	02/08/2022 14:55	13
T2202715007	TH-72	WA	SW-846 7470A	02/08/2022 13:01	02/08/2022 14:55	1
T2202715007	TH-72	WA	SW-846 8260B	02/08/2022 13:01	02/08/2022 14:55	44
T2202715007	TH-72	WA	SW-846 8260B (SIM)	02/08/2022 13:01	02/08/2022 14:55	3
T2202715008	TH-28A	WA	EPA 350.1	02/08/2022 13:29	02/08/2022 14:55	1
T2202715008	TH-28A	WA	Field Measurements	02/08/2022 13:29	02/08/2022 14:55	6
T2202715008	TH-28A	WA	SM 2540 C	02/08/2022 13:29	02/08/2022 14:55	1
T2202715008	TH-28A	WA	SM 4500-CI-E	02/08/2022 13:29	02/08/2022 14:55	1
T2202715008	TH-28A	WA	SM 4500NO3-F	02/08/2022 13:29	02/08/2022 14:55	1
T2202715008	TH-28A	WA	SW-846 6010	02/08/2022 13:29	02/08/2022 14:55	4
T2202715008	TH-28A	WA	SW-846 6020	02/08/2022 13:29	02/08/2022 14:55	13
T2202715008	TH-28A	WA	SW-846 7470A	02/08/2022 13:29	02/08/2022 14:55	1
T2202715008	TH-28A	WA	SW-846 8260B	02/08/2022 13:29	02/08/2022 14:55	44





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Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2202715008	TH-28A	WA	SW-846 8260B (SIM)	02/08/2022 13:29	02/08/2022 14:55	3
T2202715009	TH-20B	WA	EPA 350.1	02/08/2022 11:29	02/08/2022 14:55	1
T2202715009	TH-20B	WA	Field Measurements	02/08/2022 11:29	02/08/2022 14:55	6
T2202715009	TH-20B	WA	SM 2540 C	02/08/2022 11:29	02/08/2022 14:55	1
T2202715009	TH-20B	WA	SM 4500-CI-E	02/08/2022 11:29	02/08/2022 14:55	1
T2202715009	TH-20B	WA	SM 4500NO3-F	02/08/2022 11:29	02/08/2022 14:55	1
T2202715009	TH-20B	WA	SW-846 6010	02/08/2022 11:29	02/08/2022 14:55	4
T2202715009	TH-20B	WA	SW-846 6020	02/08/2022 11:29	02/08/2022 14:55	13
T2202715009	TH-20B	WA	SW-846 7470A	02/08/2022 11:29	02/08/2022 14:55	1
T2202715009	TH-20B	WA	SW-846 8260B	02/08/2022 11:29	02/08/2022 14:55	44
T2202715009	TH-20B	WA	SW-846 8260B (SIM)	02/08/2022 11:29	02/08/2022 14:55	3
T2202715010	TH-61	WA	EPA 350.1	02/08/2022 12:17	02/08/2022 14:55	1
T2202715010	TH-61	WA	Field Measurements	02/08/2022 12:17	02/08/2022 14:55	6
T2202715010	TH-61	WA	SM 2540 C	02/08/2022 12:17	02/08/2022 14:55	1
T2202715010	TH-61	WA	SM 4500-CI-E	02/08/2022 12:17	02/08/2022 14:55	1
T2202715010	TH-61	WA	SM 4500NO3-F	02/08/2022 12:17	02/08/2022 14:55	1
T2202715010	TH-61	WA	SW-846 6010	02/08/2022 12:17	02/08/2022 14:55	4
T2202715010	TH-61	WA	SW-846 6020	02/08/2022 12:17	02/08/2022 14:55	13
T2202715010	TH-61	WA	SW-846 7470A	02/08/2022 12:17	02/08/2022 14:55	1
T2202715010	TH-61	WA	SW-846 8260B	02/08/2022 12:17	02/08/2022 14:55	44
T2202715010	TH-61	WA	SW-846 8260B (SIM)	02/08/2022 12:17	02/08/2022 14:55	3
T2202715011	TH-61A	WA	EPA 350.1	02/08/2022 12:54	02/08/2022 14:55	1
T2202715011	TH-61A	WA	Field Measurements	02/08/2022 12:54	02/08/2022 14:55	6
T2202715011	TH-61A	WA	SM 2540 C	02/08/2022 12:54	02/08/2022 14:55	1
T2202715011	TH-61A	WA	SM 4500-CI-E	02/08/2022 12:54	02/08/2022 14:55	1
T2202715011	TH-61A	WA	SM 4500NO3-F	02/08/2022 12:54	02/08/2022 14:55	1
T2202715011	TH-61A	WA	SW-846 6010	02/08/2022 12:54	02/08/2022 14:55	4
T2202715011	TH-61A	WA	SW-846 6020	02/08/2022 12:54	02/08/2022 14:55	13
T2202715011	TH-61A	WA	SW-846 7470A	02/08/2022 12:54	02/08/2022 14:55	1
T2202715011	TH-61A	WA	SW-846 8260B	02/08/2022 12:54	02/08/2022 14:55	44
T2202715011	TH-61A	WA	SW-846 8260B (SIM)	02/08/2022 12:54	02/08/2022 14:55	3
T2202715012	Trip Blank	WA	SW-846 8260B	02/10/2022 00:00	02/10/2022 13:25	44
T2202715012	Trip Blank	WA	SW-846 8260B (SIM)	02/10/2022 00:00	02/10/2022 13:25	3
T2202715013	TH-65	WA	EPA 350.1	02/10/2022 08:54	02/10/2022 13:25	1
T2202715013	TH-65	WA	Field Measurements	02/10/2022 08:54	02/10/2022 13:25	6





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Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715013	TH-65	WA	SM 2540 C	02/10/2022 08:54	02/10/2022 13:25	1
T2202715013	TH-65	WA	SM 4500-CI-E	02/10/2022 08:54	02/10/2022 13:25	1
T2202715013	TH-65	WA	SM 4500NO3-F	02/10/2022 08:54	02/10/2022 13:25	1
T2202715013	TH-65	WA	SW-846 6010	02/10/2022 08:54	02/10/2022 13:25	4
T2202715013	TH-65	WA	SW-846 6020	02/10/2022 08:54	02/10/2022 13:25	13
T2202715013	TH-65	WA	SW-846 7470A	02/10/2022 08:54	02/10/2022 13:25	1
T2202715013	TH-65	WA	SW-846 8260B	02/10/2022 08:54	02/10/2022 13:25	44
T2202715013	TH-65	WA	SW-846 8260B (SIM)	02/10/2022 08:54	02/10/2022 13:25	3
T2202715014	TH-69A	WA	EPA 350.1	02/10/2022 09:28	02/10/2022 13:25	1
T2202715014	TH-69A	WA	Field Measurements	02/10/2022 09:28	02/10/2022 13:25	6
T2202715014	TH-69A	WA	SM 2540 C	02/10/2022 09:28	02/10/2022 13:25	1
T2202715014	TH-69A	WA	SM 4500-CI-E	02/10/2022 09:28	02/10/2022 13:25	1
T2202715014	TH-69A	WA	SM 4500NO3-F	02/10/2022 09:28	02/10/2022 13:25	1
T2202715014	TH-69A	WA	SW-846 6010	02/10/2022 09:28	02/10/2022 13:25	4
T2202715014	TH-69A	WA	SW-846 6020	02/10/2022 09:28	02/10/2022 13:25	13
T2202715014	TH-69A	WA	SW-846 7470A	02/10/2022 09:28	02/10/2022 13:25	1
T2202715014	TH-69A	WA	SW-846 8260B	02/10/2022 09:28	02/10/2022 13:25	44
T2202715014	TH-69A	WA	SW-846 8260B (SIM)	02/10/2022 09:28	02/10/2022 13:25	3
T2202715015	Field Blank	WA	EPA 350.1	02/10/2022 09:40	02/10/2022 13:25	1
T2202715015	Field Blank	WA	SM 2540 C	02/10/2022 09:40	02/10/2022 13:25	1
T2202715015	Field Blank	WA	SM 4500-CI-E	02/10/2022 09:40	02/10/2022 13:25	1
T2202715015	Field Blank	WA	SM 4500NO3-F	02/10/2022 09:40	02/10/2022 13:25	1
T2202715015	Field Blank	WA	SW-846 6010	02/10/2022 09:40	02/10/2022 13:25	4
T2202715015	Field Blank	WA	SW-846 6020	02/10/2022 09:40	02/10/2022 13:25	13
T2202715015	Field Blank	WA	SW-846 7470A	02/10/2022 09:40	02/10/2022 13:25	1
T2202715015	Field Blank	WA	SW-846 8260B	02/10/2022 09:40	02/10/2022 13:25	44
T2202715015	Field Blank	WA	SW-846 8260B (SIM)	02/10/2022 09:40	02/10/2022 13:25	3
T2202715016	TH-71A	WA	EPA 350.1	02/10/2022 10:31	02/10/2022 13:25	1
T2202715016	TH-71A	WA	Field Measurements	02/10/2022 10:31	02/10/2022 13:25	6
T2202715016	TH-71A	WA	SM 2540 C	02/10/2022 10:31	02/10/2022 13:25	1
T2202715016	TH-71A	WA	SM 4500-CI-E	02/10/2022 10:31	02/10/2022 13:25	1
T2202715016	TH-71A	WA	SM 4500NO3-F	02/10/2022 10:31	02/10/2022 13:25	1
T2202715016	TH-71A	WA	SW-846 6010	02/10/2022 10:31	02/10/2022 13:25	4
T2202715016	TH-71A	WA	SW-846 6020	02/10/2022 10:31	02/10/2022 13:25	13
T2202715016	TH-71A	WA	SW-846 7470A	02/10/2022 10:31	02/10/2022 13:25	1

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Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715016	TH-71A	WA	SW-846 8260B	02/10/2022 10:31	02/10/2022 13:25	44
T2202715016	TH-71A	WA	SW-846 8260B (SIM)	02/10/2022 10:31	02/10/2022 13:25	3
T2202715017	Duplicate	WA	EPA 350.1	02/10/2022 00:00	02/10/2022 13:25	1
T2202715017	Duplicate	WA	SM 2540 C	02/10/2022 00:00	02/10/2022 13:25	1
T2202715017	Duplicate	WA	SM 4500-CI-E	02/10/2022 00:00	02/10/2022 13:25	1
T2202715017	Duplicate	WA	SM 4500NO3-F	02/10/2022 00:00	02/10/2022 13:25	1
T2202715017	Duplicate	WA	SW-846 6010	02/10/2022 00:00	02/10/2022 13:25	4
T2202715017	Duplicate	WA	SW-846 6020	02/10/2022 00:00	02/10/2022 13:25	13
T2202715017	Duplicate	WA	SW-846 7470A	02/10/2022 00:00	02/10/2022 13:25	1
T2202715017	Duplicate	WA	SW-846 8260B	02/10/2022 00:00	02/10/2022 13:25	44
T2202715017	Duplicate	WA	SW-846 8260B (SIM)	02/10/2022 00:00	02/10/2022 13:25	3
T2202715018	TH-67	WA	EPA 350.1	02/10/2022 11:10	02/10/2022 13:25	1
T2202715018	TH-67	WA	Field Measurements	02/10/2022 11:10	02/10/2022 13:25	6
T2202715018	TH-67	WA	SM 2540 C	02/10/2022 11:10	02/10/2022 13:25	1
T2202715018	TH-67	WA	SM 4500-CI-E	02/10/2022 11:10	02/10/2022 13:25	1
T2202715018	TH-67	WA	SM 4500NO3-F	02/10/2022 11:10	02/10/2022 13:25	1
T2202715018	TH-67	WA	SW-846 6010	02/10/2022 11:10	02/10/2022 13:25	4
T2202715018	TH-67	WA	SW-846 6020	02/10/2022 11:10	02/10/2022 13:25	13
T2202715018	TH-67	WA	SW-846 7470A	02/10/2022 11:10	02/10/2022 13:25	1
T2202715018	TH-67	WA	SW-846 8260B	02/10/2022 11:10	02/10/2022 13:25	44
T2202715018	TH-67	WA	SW-846 8260B (SIM)	02/10/2022 11:10	02/10/2022 13:25	3
T2202715019	TH-79	WA	EPA 350.1	02/10/2022 10:31	02/10/2022 13:25	1
T2202715019	TH-79	WA	Field Measurements	02/10/2022 10:31	02/10/2022 13:25	6
T2202715019	TH-79	WA	SM 2540 C	02/10/2022 10:31	02/10/2022 13:25	1
T2202715019	TH-79	WA	SM 4500-CI-E	02/10/2022 10:31	02/10/2022 13:25	1
T2202715019	TH-79	WA	SM 4500NO3-F	02/10/2022 10:31	02/10/2022 13:25	1
T2202715019	TH-79	WA	SW-846 6010	02/10/2022 10:31	02/10/2022 13:25	4
T2202715019	TH-79	WA	SW-846 6020	02/10/2022 10:31	02/10/2022 13:25	13
T2202715019	TH-79	WA	SW-846 7470A	02/10/2022 10:31	02/10/2022 13:25	1
T2202715019	TH-79	WA	SW-846 8260B	02/10/2022 10:31	02/10/2022 13:25	44
T2202715019	TH-79	WA	SW-846 8260B (SIM)	02/10/2022 10:31	02/10/2022 13:25	3
T2202715020	TH-66	WA	EPA 350.1	02/10/2022 09:35	02/10/2022 13:25	1
T2202715020	TH-66	WA	Field Measurements	02/10/2022 09:35	02/10/2022 13:25	6
T2202715020	TH-66	WA	SM 2540 C	02/10/2022 09:35	02/10/2022 13:25	1
T2202715020	TH-66	WA	SM 4500-CI-E	02/10/2022 09:35	02/10/2022 13:25	1





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Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715020	TH-66	WA	SM 4500NO3-F	02/10/2022 09:35	02/10/2022 13:25	1
T2202715020	TH-66	WA	SW-846 6010	02/10/2022 09:35	02/10/2022 13:25	4
T2202715020	TH-66	WA	SW-846 6020	02/10/2022 09:35	02/10/2022 13:25	13
T2202715020	TH-66	WA	SW-846 7470A	02/10/2022 09:35	02/10/2022 13:25	1
T2202715020	TH-66	WA	SW-846 8260B	02/10/2022 09:35	02/10/2022 13:25	44
T2202715020	TH-66	WA	SW-846 8260B (SIM)	02/10/2022 09:35	02/10/2022 13:25	3
T2202715021	TH-66A	WA	EPA 350.1	02/10/2022 09:08	02/10/2022 13:25	1
T2202715021	TH-66A	WA	Field Measurements	02/10/2022 09:08	02/10/2022 13:25	6
T2202715021	TH-66A	WA	SM 2540 C	02/10/2022 09:08	02/10/2022 13:25	1
T2202715021	TH-66A	WA	SM 4500-Cl-E	02/10/2022 09:08	02/10/2022 13:25	1
T2202715021	TH-66A	WA	SM 4500NO3-F	02/10/2022 09:08	02/10/2022 13:25	1
T2202715021	TH-66A	WA	SW-846 6010	02/10/2022 09:08	02/10/2022 13:25	4
T2202715021	TH-66A	WA	SW-846 6020	02/10/2022 09:08	02/10/2022 13:25	13
T2202715021	TH-66A	WA	SW-846 7470A	02/10/2022 09:08	02/10/2022 13:25	1
T2202715021	TH-66A	WA	SW-846 8260B	02/10/2022 09:08	02/10/2022 13:25	44
T2202715021	TH-66A	WA	SW-846 8260B (SIM)	02/10/2022 09:08	02/10/2022 13:25	3
T2202715022	Trip Blank	WA	SW-846 8260B	02/11/2022 00:00	02/11/2022 13:17	44
T2202715022	Trip Blank	WA	SW-846 8260B (SIM)	02/11/2022 00:00	02/11/2022 13:17	3
T2202715023	Holland	WA	EPA 350.1	02/11/2022 09:42	02/11/2022 13:17	1
T2202715023	Holland	WA	Field Measurements	02/11/2022 09:42	02/11/2022 13:17	6
T2202715023	Holland	WA	SM 2540 C	02/11/2022 09:42	02/11/2022 13:17	1
T2202715023	Holland	WA	SM 4500-Cl-E	02/11/2022 09:42	02/11/2022 13:17	1
T2202715023	Holland	WA	SM 4500NO3-F	02/11/2022 09:42	02/11/2022 13:17	1
T2202715023	Holland	WA	SW-846 6010	02/11/2022 09:42	02/11/2022 13:17	4
T2202715023	Holland	WA	SW-846 6020	02/11/2022 09:42	02/11/2022 13:17	13
T2202715023	Holland	WA	SW-846 7470A	02/11/2022 09:42	02/11/2022 13:17	1
T2202715023	Holland	WA	SW-846 8260B	02/11/2022 09:42	02/11/2022 13:17	44
T2202715023	Holland	WA	SW-846 8260B (SIM)	02/11/2022 09:42	02/11/2022 13:17	3
T2202715024	Barnes	WA	EPA 350.1	02/11/2022 10:05	02/11/2022 13:17	1
T2202715024	Barnes	WA	Field Measurements	02/11/2022 10:05	02/11/2022 13:17	6
T2202715024	Barnes	WA	SM 2540 C	02/11/2022 10:05	02/11/2022 13:17	1
T2202715024	Barnes	WA	SM 4500-Cl-E	02/11/2022 10:05	02/11/2022 13:17	1
T2202715024	Barnes	WA	SM 4500NO3-F	02/11/2022 10:05	02/11/2022 13:17	1
T2202715024	Barnes	WA	SW-846 6010	02/11/2022 10:05	02/11/2022 13:17	4
T2202715024	Barnes	WA	SW-846 6020	02/11/2022 10:05	02/11/2022 13:17	13

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2202715024	Barnes	WA	SW-846 7470A	02/11/2022 10:05	02/11/2022 13:17	1
T2202715024	Barnes	WA	SW-846 8260B	02/11/2022 10:05	02/11/2022 13:17	44
T2202715024	Barnes	WA	SW-846 8260B (SIM)	02/11/2022 10:05	02/11/2022 13:17	3
T2202715025	TH-70A	WA	EPA 350.1	02/11/2022 11:38	02/11/2022 13:17	1
T2202715025	TH-70A	WA	Field Measurements	02/11/2022 11:38	02/11/2022 13:17	6
T2202715025	TH-70A	WA	SM 2540 C	02/11/2022 11:38	02/11/2022 13:17	1
T2202715025	TH-70A	WA	SM 4500-CI-E	02/11/2022 11:38	02/11/2022 13:17	1
T2202715025	TH-70A	WA	SM 4500NO3-F	02/11/2022 11:38	02/11/2022 13:17	1
T2202715025	TH-70A	WA	SW-846 6010	02/11/2022 11:38	02/11/2022 13:17	4
T2202715025	TH-70A	WA	SW-846 6020	02/11/2022 11:38	02/11/2022 13:17	13
T2202715025	TH-70A	WA	SW-846 7470A	02/11/2022 11:38	02/11/2022 13:17	1
T2202715025	TH-70A	WA	SW-846 8260B	02/11/2022 11:38	02/11/2022 13:17	44
T2202715025	TH-70A	WA	SW-846 8260B (SIM)	02/11/2022 11:38	02/11/2022 13:17	3
T2202715026	Keene	WA	EPA 350.1	02/11/2022 12:15	02/11/2022 13:17	1
T2202715026	Keene	WA	Field Measurements	02/11/2022 12:15	02/11/2022 13:17	6
T2202715026	Keene	WA	SM 2540 C	02/11/2022 12:15	02/11/2022 13:17	1
T2202715026	Keene	WA	SM 4500-CI-E	02/11/2022 12:15	02/11/2022 13:17	1
T2202715026	Keene	WA	SM 4500NO3-F	02/11/2022 12:15	02/11/2022 13:17	1
T2202715026	Keene	WA	SW-846 6010	02/11/2022 12:15	02/11/2022 13:17	4
T2202715026	Keene	WA	SW-846 6020	02/11/2022 12:15	02/11/2022 13:17	13
T2202715026	Keene	WA	SW-846 7470A	02/11/2022 12:15	02/11/2022 13:17	1
T2202715026	Keene	WA	SW-846 8260B	02/11/2022 12:15	02/11/2022 13:17	44
T2202715026	Keene	WA	SW-846 8260B (SIM)	02/11/2022 12:15	02/11/2022 13:17	3
T2202715027	Trip Blank	WA	SW-846 8260B	02/09/2022 00:00	02/09/2022 14:48	44
T2202715027	Trip Blank	WA	SW-846 8260B (SIM)	02/09/2022 00:00	02/09/2022 14:48	3
T2202715028	TH-64	WA	EPA 350.1	02/09/2022 10:06	02/09/2022 14:48	1
T2202715028	TH-64	WA	Field Measurements	02/09/2022 10:06	02/09/2022 14:48	6
T2202715028	TH-64	WA	SM 2540 C	02/09/2022 10:06	02/09/2022 14:48	1
T2202715028	TH-64	WA	SM 4500-CI-E	02/09/2022 10:06	02/09/2022 14:48	1
T2202715028	TH-64	WA	SM 4500NO3-F	02/09/2022 10:06	02/09/2022 14:48	1
T2202715028	TH-64	WA	SW-846 6010	02/09/2022 10:06	02/09/2022 14:48	4
T2202715028	TH-64	WA	SW-846 6020	02/09/2022 10:06	02/09/2022 14:48	13
T2202715028	TH-64	WA	SW-846 7470A	02/09/2022 10:06	02/09/2022 14:48	1
T2202715028	TH-64	WA	SW-846 8260B	02/09/2022 10:06	02/09/2022 14:48	44
T2202715028	TH-64	WA	SW-846 8260B (SIM)	02/09/2022 10:06	02/09/2022 14:48	3





FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2202715029	TH-83	WA	EPA 350.1	02/09/2022 10:10	02/09/2022 14:48	1
T2202715029	TH-83	WA	Field Measurements	02/09/2022 10:10	02/09/2022 14:48	6
T2202715029	TH-83	WA	SM 2540 C	02/09/2022 10:10	02/09/2022 14:48	1
T2202715029	TH-83	WA	SM 4500-CI-E	02/09/2022 10:10	02/09/2022 14:48	1
T2202715029	TH-83	WA	SM 4500NO3-F	02/09/2022 10:10	02/09/2022 14:48	1
T2202715029	TH-83	WA	SW-846 6010	02/09/2022 10:10	02/09/2022 14:48	4
T2202715029	TH-83	WA	SW-846 6020	02/09/2022 10:10	02/09/2022 14:48	13
T2202715029	TH-83	WA	SW-846 7470A	02/09/2022 10:10	02/09/2022 14:48	1
T2202715029	TH-83	WA	SW-846 8260B	02/09/2022 10:10	02/09/2022 14:48	44
T2202715029	TH-83	WA	SW-846 8260B (SIM)	02/09/2022 10:10	02/09/2022 14:48	3
T2202715030	TH-68	WA	EPA 350.1	02/09/2022 10:47	02/09/2022 14:48	1
T2202715030	TH-68	WA	Field Measurements	02/09/2022 10:47	02/09/2022 14:48	6
T2202715030	TH-68	WA	SM 2540 C	02/09/2022 10:47	02/09/2022 14:48	1
T2202715030	TH-68	WA	SM 4500-CI-E	02/09/2022 10:47	02/09/2022 14:48	1
T2202715030	TH-68	WA	SM 4500NO3-F	02/09/2022 10:47	02/09/2022 14:48	1
T2202715030	TH-68	WA	SW-846 6010	02/09/2022 10:47	02/09/2022 14:48	4
T2202715030	TH-68	WA	SW-846 6020	02/09/2022 10:47	02/09/2022 14:48	13
T2202715030	TH-68	WA	SW-846 7470A	02/09/2022 10:47	02/09/2022 14:48	1
T2202715030	TH-68	WA	SW-846 8260B	02/09/2022 10:47	02/09/2022 14:48	44
T2202715030	TH-68	WA	SW-846 8260B (SIM)	02/09/2022 10:47	02/09/2022 14:48	3
T2202715031	TH-36A	WA	EPA 350.1	02/09/2022 12:42	02/09/2022 14:48	1
T2202715031	TH-36A	WA	Field Measurements	02/09/2022 12:42	02/09/2022 14:48	6
T2202715031	TH-36A	WA	SM 2540 C	02/09/2022 12:42	02/09/2022 14:48	1
T2202715031	TH-36A	WA	SM 4500-CI-E	02/09/2022 12:42	02/09/2022 14:48	1
T2202715031	TH-36A	WA	SM 4500NO3-F	02/09/2022 12:42	02/09/2022 14:48	1
T2202715031	TH-36A	WA	SW-846 6010	02/09/2022 12:42	02/09/2022 14:48	4
T2202715031	TH-36A	WA	SW-846 6020	02/09/2022 12:42	02/09/2022 14:48	13
T2202715031	TH-36A	WA	SW-846 7470A	02/09/2022 12:42	02/09/2022 14:48	1
T2202715031	TH-36A	WA	SW-846 8260B	02/09/2022 12:42	02/09/2022 14:48	44
T2202715031	TH-36A	WA	SW-846 8260B (SIM)	02/09/2022 12:42	02/09/2022 14:48	3
T2202715032	TH-57	WA	EPA 350.1	02/09/2022 13:24	02/09/2022 14:48	1
T2202715032	TH-57	WA	Field Measurements	02/09/2022 13:24	02/09/2022 14:48	6
T2202715032	TH-57	WA	SM 2540 C	02/09/2022 13:24	02/09/2022 14:48	1
T2202715032	TH-57	WA	SM 4500-CI-E	02/09/2022 13:24	02/09/2022 14:48	1
T2202715032	TH-57	WA	SM 4500NO3-F	02/09/2022 13:24	02/09/2022 14:48	1





FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715032	TH-57	WA	SW-846 6010	02/09/2022 13:24	02/09/2022 14:48	4
T2202715032	TH-57	WA	SW-846 6020	02/09/2022 13:24	02/09/2022 14:48	13
T2202715032	TH-57	WA	SW-846 7470A	02/09/2022 13:24	02/09/2022 14:48	1
T2202715032	TH-57	WA	SW-846 8260B	02/09/2022 13:24	02/09/2022 14:48	44
T2202715032	TH-57	WA	SW-846 8260B (SIM)	02/09/2022 13:24	02/09/2022 14:48	3
T2202715033	Duplicate	WA	EPA 350.1	02/09/2022 00:00	02/09/2022 14:48	1
T2202715033	Duplicate	WA	SM 2540 C	02/09/2022 00:00	02/09/2022 14:48	1
T2202715033	Duplicate	WA	SM 4500-CI-E	02/09/2022 00:00	02/09/2022 14:48	1
T2202715033	Duplicate	WA	SM 4500NO3-F	02/09/2022 00:00	02/09/2022 14:48	1
T2202715033	Duplicate	WA	SW-846 6010	02/09/2022 00:00	02/09/2022 14:48	4
T2202715033	Duplicate	WA	SW-846 6020	02/09/2022 00:00	02/09/2022 14:48	13
T2202715033	Duplicate	WA	SW-846 7470A	02/09/2022 00:00	02/09/2022 14:48	1
T2202715033	Duplicate	WA	SW-846 8260B	02/09/2022 00:00	02/09/2022 14:48	44
T2202715033	Duplicate	WA	SW-846 8260B (SIM)	02/09/2022 00:00	02/09/2022 14:48	3
T2202715034	TH-19	WA	EPA 350.1	02/09/2022 11:42	02/09/2022 14:48	1
T2202715034	TH-19	WA	Field Measurements	02/09/2022 11:42	02/09/2022 14:48	6
T2202715034	TH-19	WA	SM 2540 C	02/09/2022 11:42	02/09/2022 14:48	1
T2202715034	TH-19	WA	SM 4500-CI-E	02/09/2022 11:42	02/09/2022 14:48	1
T2202715034	TH-19	WA	SM 4500NO3-F	02/09/2022 11:42	02/09/2022 14:48	1
T2202715034	TH-19	WA	SW-846 6010	02/09/2022 11:42	02/09/2022 14:48	4
T2202715034	TH-19	WA	SW-846 6020	02/09/2022 11:42	02/09/2022 14:48	13
T2202715034	TH-19	WA	SW-846 7470A	02/09/2022 11:42	02/09/2022 14:48	1
T2202715034	TH-19	WA	SW-846 8260B	02/09/2022 11:42	02/09/2022 14:48	44
T2202715034	TH-19	WA	SW-846 8260B (SIM)	02/09/2022 11:42	02/09/2022 14:48	3
T2202715035	Trip Blank	WA	SW-846 8260B	02/07/2022 00:00	02/07/2022 14:15	44
T2202715035	Trip Blank	WA	SW-846 8260B (SIM)	02/07/2022 00:00	02/07/2022 14:15	3
T2202715036	Mine Cut 1D	WA	Calculation	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	DEP SOP 10/03/83	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	EPA 365.4	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	EPA 410.4	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	Field Measurements	02/07/2022 09:40	02/07/2022 14:15	7
T2202715036	Mine Cut 1D	WA	SM 10200 H	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 2340C	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 2540 C	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 2540D	02/07/2022 09:40	02/07/2022 14:15	1





FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715036	Mine Cut 1D	WA	SM 4500NO3-F	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 5210B	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 5310B	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SM 9222D	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SW-846 6010	02/07/2022 09:40	02/07/2022 14:15	3
T2202715036	Mine Cut 1D	WA	SW-846 6020	02/07/2022 09:40	02/07/2022 14:15	13
T2202715036	Mine Cut 1D	WA	SW-846 7470A	02/07/2022 09:40	02/07/2022 14:15	1
T2202715036	Mine Cut 1D	WA	SW-846 8260B	02/07/2022 09:40	02/07/2022 14:15	44
T2202715036	Mine Cut 1D	WA	SW-846 8260B (SIM)	02/07/2022 09:40	02/07/2022 14:15	3
T2202715037	3B2B	WA	Calculation	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	DEP SOP 10/03/83	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	EPA 365.4	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	EPA 410.4	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	Field Measurements	02/07/2022 10:50	02/07/2022 14:15	7
T2202715037	3B2B	WA	SM 10200 H	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 2340C	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 2540 C	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 2540D	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 4500NO3-F	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 5210B	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 5310B	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SM 9222D	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SW-846 6010	02/07/2022 10:50	02/07/2022 14:15	3
T2202715037	3B2B	WA	SW-846 6020	02/07/2022 10:50	02/07/2022 14:15	13
T2202715037	3B2B	WA	SW-846 7470A	02/07/2022 10:50	02/07/2022 14:15	1
T2202715037	3B2B	WA	SW-846 8260B	02/07/2022 10:50	02/07/2022 14:15	44
T2202715037	3B2B	WA	SW-846 8260B (SIM)	02/07/2022 10:50	02/07/2022 14:15	3
T2202715038	3C2C	WA	Calculation	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	DEP SOP 10/03/83	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	EPA 365.4	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	EPA 410.4	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	Field Measurements	02/07/2022 10:15	02/07/2022 14:15	7
T2202715038	3C2C	WA	SM 10200 H	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 2340C	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 2540 C	02/07/2022 10:15	02/07/2022 14:15	1

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2202715038	3C2C	WA	SM 2540D	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 4500NO3-F	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 5210B	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 5310B	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SM 9222D	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SW-846 6010	02/07/2022 10:15	02/07/2022 14:15	3
T2202715038	3C2C	WA	SW-846 6020	02/07/2022 10:15	02/07/2022 14:15	13
T2202715038	3C2C	WA	SW-846 7470A	02/07/2022 10:15	02/07/2022 14:15	1
T2202715038	3C2C	WA	SW-846 8260B	02/07/2022 10:15	02/07/2022 14:15	44
T2202715038	3C2C	WA	SW-846 8260B (SIM)	02/07/2022 10:15	02/07/2022 14:15	3
T2202715039	3A	WA	Calculation	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	DEP SOP 10/03/83	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	EPA 365.4	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	EPA 410.4	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	Field Measurements	02/07/2022 11:15	02/07/2022 14:15	7
T2202715039	3A	WA	SM 10200 H	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 2340C	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 2540 C	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 2540D	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 4500NO3-F	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 5210B	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 5310B	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SM 9222D	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SW-846 6010	02/07/2022 11:15	02/07/2022 14:15	3
T2202715039	3A	WA	SW-846 6020	02/07/2022 11:15	02/07/2022 14:15	13
T2202715039	3A	WA	SW-846 7470A	02/07/2022 11:15	02/07/2022 14:15	1
T2202715039	3A	WA	SW-846 8260B	02/07/2022 11:15	02/07/2022 14:15	44
T2202715039	3A	WA	SW-846 8260B (SIM)	02/07/2022 11:15	02/07/2022 14:15	3
T2202715040	Duplicate	WA	Calculation	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	DEP SOP 10/03/83	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	EPA 365.4	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	EPA 410.4	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 10200 H	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 2340C	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 2540 C	02/07/2022 00:00	02/07/2022 14:15	1

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2202715040	Duplicate	WA	SM 2540D	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 4500NO3-F	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 5210B	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 5310B	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SM 9222D	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SW-846 6010	02/07/2022 00:00	02/07/2022 14:15	3
T2202715040	Duplicate	WA	SW-846 6020	02/07/2022 00:00	02/07/2022 14:15	13
T2202715040	Duplicate	WA	SW-846 7470A	02/07/2022 00:00	02/07/2022 14:15	1
T2202715040	Duplicate	WA	SW-846 8260B	02/07/2022 00:00	02/07/2022 14:15	44
T2202715040	Duplicate	WA	SW-846 8260B (SIM)	02/07/2022 00:00	02/07/2022 14:15	3
T2202715041	EQ BLANK	WA	Calculation	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	DEP SOP 10/03/83	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	EPA 365.4	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	EPA 410.4	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 10200 H	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 2340C	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 2540 C	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 2540D	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 4500NO3-F	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 5210B	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 5310B	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SM 9222D	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SW-846 6010	02/07/2022 09:20	02/07/2022 14:15	3
T2202715041	EQ BLANK	WA	SW-846 6020	02/07/2022 09:20	02/07/2022 14:15	13
T2202715041	EQ BLANK	WA	SW-846 7470A	02/07/2022 09:20	02/07/2022 14:15	1
T2202715041	EQ BLANK	WA	SW-846 8260B	02/07/2022 09:20	02/07/2022 14:15	44
T2202715041	EQ BLANK	WA	SW-846 8260B (SIM)	02/07/2022 09:20	02/07/2022 14:15	3





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FINAL

Workorder: SELF Semi-Annual (T2202715)

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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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715001	Date Collected:	02/08/2022 00:00				Matrix:	Water	
Sample ID:	Trip Blank	Date Received:	02/08/2022 14:55						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))									
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 10:51	T	
VOLATILES (SW-846 5030B/SW-846 8260B)									
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:51	T	
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:51	T	
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:51	T	
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:51	T	
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:51	T	
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:51	T	
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 10:51	T	
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 10:51	T	
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:51	T	
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:51	T	
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:51	T	
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:51	T	
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:51	T	
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:51	T	
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:51	T	
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:51	T	
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:51	T	
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:51	T	
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 10:51	T	





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715001
Sample ID: Trip Blank

Date Collected: 02/08/2022 00:00
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:51	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 10:51	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:51	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:51	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:51	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:51	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:51	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:51	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 10:51	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:51	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:51	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 10:51	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 10:51	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:51	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:51	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:51	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 10:51	T
1,1,1,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 10:51	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:51	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:51	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 10:51	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 10:51	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	55	110	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	87	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	46	91	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715002
Sample ID: Field Blank

Date Collected: 02/08/2022 09:20
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 16:34	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 16:34	T
Sodium	0.80 U	mg/L	1.0	0.80	1	02/14/2022 12:00	02/15/2022 16:34	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 16:34	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:50	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:50	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:50	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:50	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:50	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:50	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:50	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:50	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:50	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:50	J
Barium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:50	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:50	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:50	J
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	02/21/2022 18:30	02/23/2022 10:34	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 11:17	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 11:17	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 11:17	T
VOLATILES (SW-846 5030B/SW-846 8260B)								

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715002
Sample ID: Field Blank

Date Collected: 02/08/2022 09:20
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:17	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 11:17	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 11:17	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:17	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:17	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:17	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 11:17	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 11:17	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 11:17	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:17	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 11:17	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 11:17	T
2-Butanone (MEK)	1.9	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 11:17	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:17	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 11:17	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 11:17	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:17	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:17	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 11:17	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:17	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 11:17	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 11:17	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:17	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:17	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715002
Sample ID: Field Blank

Date Collected: 02/08/2022 09:20
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:17	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:17	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 11:17	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:17	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:17	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 11:17	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 11:17	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 11:17	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:17	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 11:17	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 11:17	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:17	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 11:17	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 11:17	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 11:17	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.01 U	mg/L	0.03	0.01	1	02/09/2022 08:42	02/09/2022 08:42	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10 U	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	2.6 U	mg/L	5	2.6	1	02/09/2022 13:08	02/09/2022 13:08	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 17:59	02/08/2022 17:59	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	42	85	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	87	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715003	Date Collected:	02/08/2022 10:17			Matrix:	Water	
Sample ID:	TH-78	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	885	umhos/cm			1	02/08/2022 10:17	02/08/2022 10:17	
Dissolved Oxygen	0.31	mg/L			1	02/08/2022 10:17	02/08/2022 10:17	
ORP-2580BW	-98.9	mV			1	02/08/2022 10:17	02/08/2022 10:17	
Temperature	22.6	°C			1	02/08/2022 10:17	02/08/2022 10:17	
Turbidity	0.84	NTU			1	02/08/2022 10:17	02/08/2022 10:17	
pH	9.77	SU			1	02/08/2022 10:17	02/08/2022 10:17	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 15:34	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 15:34	T
Sodium	24	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 15:34	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 15:34	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:54	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:54	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:54	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:54	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:54	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:54	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:54	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:54	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:54	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:54	J
Barium	0.089	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:54	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:54	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:54	J





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715003	Date Collected: 02/08/2022 10:17					Matrix: Water		
Sample ID: TH-78	Date Received: 02/08/2022 14:55							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 11:42	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 11:42	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 11:42	T
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	02/21/2022 18:30	02/23/2022 10:37	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:42	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 11:42	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 11:42	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:42	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:42	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:42	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 11:42	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 11:42	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 11:42	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:42	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 11:42	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 11:42	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 11:42	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:42	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 11:42	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 11:42	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:42	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715003
Sample ID: TH-78

Date Collected: 02/08/2022 10:17
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:42	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 11:42	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 11:42	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 11:42	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 11:42	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 11:42	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:42	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:42	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 11:42	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 11:42	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 11:42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:42	T
Tetrachloroethylene (PCE)	1.7	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 11:42	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 11:42	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 11:42	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:42	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 11:42	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 11:42	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 11:42	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 11:42	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 11:42	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 11:42	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.6	mg/L	0.03	0.01	1	02/09/2022 08:49	02/09/2022 08:49	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715003	Date Collected:	02/08/2022 10:17			Matrix:	Water	
Sample ID:	TH-78	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	296	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	26	mg/L	5	2.6	1	02/09/2022 13:15	02/09/2022 13:15	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:00	02/08/2022 18:00	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	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	87	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715004	Date Collected:	02/08/2022 09:48			Matrix:	Water	
Sample ID:	TH-40	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	410	umhos/cm			1	02/08/2022 09:48	02/08/2022 09:48	
Dissolved Oxygen	1.63	mg/L			1	02/08/2022 09:48	02/08/2022 09:48	
ORP-2580BW	64.5	mV			1	02/08/2022 09:48	02/08/2022 09:48	
Temperature	23	°C			1	02/08/2022 09:48	02/08/2022 09:48	
Turbidity	0.32	NTU			1	02/08/2022 09:48	02/08/2022 09:48	
pH	7.41	SU			1	02/08/2022 09:48	02/08/2022 09:48	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 15:37	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 15:37	T
Sodium	16	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 15:37	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 15:37	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:00	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:00	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:00	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:00	J
Copper	0.0018 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:00	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:00	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:00	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:00	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:00	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:00	J
Barium	0.0060	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:00	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:00	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:00	J





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715004
Sample ID: TH-40

Date Collected: 02/08/2022 09:48
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 10:40	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 12:08	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 12:08	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 12:08	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:08	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:08	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:08	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:08	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:08	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:08	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 12:08	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 12:08	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:08	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:08	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:08	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:08	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:08	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:08	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:08	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:08	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:08	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715004
Sample ID: TH-40

Date Collected: 02/08/2022 09:48
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:08	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 12:08	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:08	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 12:08	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:08	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:08	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:08	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:08	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:08	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 12:08	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:08	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:08	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 12:08	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:08	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:08	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:08	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 12:08	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 12:08	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:08	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:08	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 12:08	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 12:08	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.3	mg/L	0.03	0.01	1	02/09/2022 08:49	02/09/2022 08:49	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715004	Date Collected:	02/08/2022 09:48				Matrix:	Water	
Sample ID:	TH-40	Date Received:	02/08/2022 14:55						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	280	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	15	mg/L	5	2.6	1	02/09/2022 13:15	02/09/2022 13:15	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:01	02/08/2022 18:01	T	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	57	113	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	89	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715005	Date Collected:	02/08/2022 10:44			Matrix:	Water	
Sample ID:	TH-58	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	688	umhos/cm			1	02/08/2022 10:44	02/08/2022 10:44	
Dissolved Oxygen	3.66	mg/L			1	02/08/2022 10:44	02/08/2022 10:44	
ORP-2580BW	58.6	mV			1	02/08/2022 10:44	02/08/2022 10:44	
Temperature	23.5	°C			1	02/08/2022 10:44	02/08/2022 10:44	
Turbidity	6.75	NTU			1	02/08/2022 10:44	02/08/2022 10:44	
pH	7.72	SU			1	02/08/2022 10:44	02/08/2022 10:44	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 15:40	T
Iron	0.84	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 15:40	T
Sodium	43	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 15:40	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 15:40	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.010	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:05	J
Chromium	0.0011 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:05	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:05	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:05	J
Copper	0.0010 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:05	J
Arsenic	0.012	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:05	J
Selenium	0.0019 I	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:05	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:05	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:05	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:05	J
Barium	0.025	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:05	J
Thallium	0.00039 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:05	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:05	J





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715005	Date Collected:	02/08/2022 10:44			Matrix:	Water	
Sample ID:	TH-58	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000083 I	mg/L	0.00010	0.000011	1	02/21/2022 18:30	02/23/2022 10:43	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 12:34	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 12:34	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 12:34	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:34	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:34	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:34	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:34	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:34	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:34	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 12:34	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 12:34	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:34	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:34	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:34	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:34	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:34	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:34	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:34	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:34	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:34	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715005
Sample ID: TH-58

Date Collected: 02/08/2022 10:44
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:34	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 12:34	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:34	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 12:34	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:34	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:34	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:34	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:34	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:34	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 12:34	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:34	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:34	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 12:34	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:34	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:34	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:34	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 12:34	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 12:34	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:34	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:34	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 12:34	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 12:34	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.5	mg/L	0.03	0.01	1	02/09/2022 08:50	02/09/2022 08:50	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715005	Date Collected:	02/08/2022 10:44				Matrix:	Water	
Sample ID:	TH-58	Date Received:	02/08/2022 14:55						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	480	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	109	mg/L	25	13	5	02/09/2022 13:49	02/09/2022 13:49	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.11	mg/L	0.10	0.092	1	02/08/2022 18:02	02/08/2022 18:02	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	52	104	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	43	86	70 - 130	T
Toluene-d8 (S)	ug/L	50	42	84	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	87	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715006	Date Collected:	02/08/2022 10:48			Matrix:	Water	
Sample ID:	TH-22A	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	175.3	umhos/cm			1	02/08/2022 10:48	02/08/2022 10:48	
Dissolved Oxygen	1.12	mg/L			1	02/08/2022 10:48	02/08/2022 10:48	
ORP-2580BW	128.1	mV			1	02/08/2022 10:48	02/08/2022 10:48	
Temperature	20.3	°C			1	02/08/2022 10:48	02/08/2022 10:48	
Turbidity	4.01	NTU			1	02/08/2022 10:48	02/08/2022 10:48	
pH	4.79	SU			1	02/08/2022 10:48	02/08/2022 10:48	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 15:42	T
Iron	0.21	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 15:42	T
Sodium	2.1	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 15:42	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 15:42	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:10	J
Arsenic	0.00035 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:10	J
Barium	0.031	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:10	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:10	J
Chromium	0.0018 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:10	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:10	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:10	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:10	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:10	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:10	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:10	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:10	J
Vanadium	0.0019 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:10	J

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715006
Sample ID: TH-22A

Date Collected: 02/08/2022 10:48
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 10:45	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 12:59	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 12:59	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 12:59	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:59	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:59	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:59	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:59	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:59	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:59	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 12:59	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 12:59	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:59	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:59	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:59	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:59	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:59	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:59	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 12:59	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 12:59	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:59	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715006
Sample ID: TH-22A

Date Collected: 02/08/2022 10:48
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:59	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 12:59	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 12:59	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 12:59	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 12:59	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 12:59	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:59	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:59	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 12:59	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 12:59	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 12:59	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:59	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 12:59	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 12:59	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 12:59	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:59	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 12:59	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 12:59	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 12:59	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 12:59	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 12:59	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 12:59	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.2	mg/L	0.03	0.01	1	02/09/2022 08:58	02/09/2022 08:58	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715006
Sample ID: TH-22A

Date Collected: 02/08/2022 10:48
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	108	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	11	mg/L	5	2.6	1	02/09/2022 13:18	02/09/2022 13:18	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:02	02/08/2022 18:02	T
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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	48	96	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	43	86	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	81	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	87	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715007				Date Collected: 02/08/2022 13:01			Matrix: Water	
Sample ID: TH-72				Date Received: 02/08/2022 14:55				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	416.1	umhos/cm			1	02/08/2022 13:01	02/08/2022 13:01	
Dissolved Oxygen	2.53	mg/L			1	02/08/2022 13:01	02/08/2022 13:01	
ORP-2580BW	-75.5	mV			1	02/08/2022 13:01	02/08/2022 13:01	
Temperature	23.2	°C			1	02/08/2022 13:01	02/08/2022 13:01	
Turbidity	2.11	NTU			1	02/08/2022 13:01	02/08/2022 13:01	
pH	8.01	SU			1	02/08/2022 13:01	02/08/2022 13:01	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 15:45	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 15:45	T
Sodium	27	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 15:45	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 15:45	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:15	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:15	J
Barium	0.014	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:15	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:15	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:15	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:15	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:15	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:15	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:15	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:15	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:15	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:15	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:15	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715007	Date Collected: 02/08/2022 13:01					Matrix: Water		
Sample ID: TH-72	Date Received: 02/08/2022 14:55							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 13:25	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 13:25	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 13:25	T
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	02/21/2022 18:30	02/23/2022 10:48	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 13:25	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:25	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 13:25	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:25	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 13:25	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:25	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 13:25	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:25	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 13:25	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:25	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 13:25	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:25	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:25	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 13:25	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 13:25	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 13:25	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 13:25	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:25	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:25	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 13:25	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715007
Sample ID: TH-72

Date Collected: 02/08/2022 13:01
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:25	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:25	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 13:25	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:25	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 13:25	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:25	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:25	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:25	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 13:25	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 13:25	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 13:25	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 13:25	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 13:25	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 13:25	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 13:25	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:25	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 13:25	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 13:25	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 13:25	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:25	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:25	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:25	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:25	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 13:25	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.6	mg/L	0.03	0.01	1	02/09/2022 09:01	02/09/2022 09:01	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715007
Sample ID: TH-72

Date Collected: 02/08/2022 13:01
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	306	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	16	mg/L	5	2.6	1	02/09/2022 13:19	02/09/2022 13:19	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:03	02/08/2022 18:03	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	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	43	86	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	86	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715008	Date Collected:	02/08/2022 13:29			Matrix:	Water	
Sample ID:	TH-28A	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	560	umhos/cm			1	02/08/2022 13:29	02/08/2022 13:29	
Dissolved Oxygen	1.94	mg/L			1	02/08/2022 13:29	02/08/2022 13:29	
ORP-2580BW	24.8	mV			1	02/08/2022 13:29	02/08/2022 13:29	
Temperature	21.6	°C			1	02/08/2022 13:29	02/08/2022 13:29	
Turbidity	4.41	NTU			1	02/08/2022 13:29	02/08/2022 13:29	
pH	7.12	SU			1	02/08/2022 13:29	02/08/2022 13:29	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 16:36	T
Iron	8.0	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 16:36	T
Sodium	38	mg/L	1.0	0.80	1	02/14/2022 12:00	02/15/2022 16:36	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 16:36	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:20	J
Arsenic	0.0019	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:20	J
Barium	0.0041	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:20	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:20	J
Chromium	0.0018 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:20	J
Cobalt	0.00047 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:20	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:20	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:20	J
Nickel	0.0013 I	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:20	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:20	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:20	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:20	J
Vanadium	0.0017 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:20	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715008
Sample ID: TH-28A

Date Collected: 02/08/2022 13:29
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 10:51	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 13:50	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 13:50	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 13:50	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 13:50	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:50	T
1,1,1,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 13:50	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:50	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 13:50	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:50	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 13:50	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:50	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 13:50	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:50	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 13:50	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:50	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 13:50	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 13:50	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 13:50	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 13:50	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 13:50	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:50	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:50	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 13:50	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715008
Sample ID: TH-28A

Date Collected: 02/08/2022 13:29
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:50	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:50	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 13:50	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 13:50	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 13:50	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:50	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 13:50	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 13:50	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 13:50	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 13:50	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 13:50	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 13:50	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 13:50	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 13:50	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 13:50	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:50	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 13:50	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 13:50	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 13:50	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:50	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:50	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 13:50	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 13:50	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 13:50	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	4	mg/L	0.03	0.01	1	02/09/2022 09:01	02/09/2022 09:01	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715008
Sample ID: TH-28A

Date Collected: 02/08/2022 13:29
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	362	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	140	mg/L	25	13	5	02/09/2022 13:50	02/09/2022 13:50	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:04	02/08/2022 18:04	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	T
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	88	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	81	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	87	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715009	Date Collected:	02/08/2022 11:29			Matrix:	Water	
Sample ID:	TH-20B	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	325.9	umhos/cm			1	02/08/2022 11:29	02/08/2022 11:29	
Dissolved Oxygen	0.54	mg/L			1	02/08/2022 11:29	02/08/2022 11:29	
ORP-2580BW	83.6	mV			1	02/08/2022 11:29	02/08/2022 11:29	
Temperature	21.7	°C			1	02/08/2022 11:29	02/08/2022 11:29	
Turbidity	3.6	NTU			1	02/08/2022 11:29	02/08/2022 11:29	
pH	5.4	SU			1	02/08/2022 11:29	02/08/2022 11:29	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 16:39	T
Iron	4.0	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 16:39	T
Sodium	22	mg/L	1.0	0.80	1	02/14/2022 12:00	02/15/2022 16:39	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 16:39	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0038 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:24	J
Arsenic	0.0052	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:24	J
Barium	0.0032	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:24	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:24	J
Chromium	0.00091 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:24	J
Cobalt	0.00049 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:24	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:24	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:24	J
Nickel	0.0017 I	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:24	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:24	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:24	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:24	J
Vanadium	0.014	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:24	J

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715009
Sample ID: TH-20B

Date Collected: 02/08/2022 11:29
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 10:54	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 14:16	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 14:16	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 14:16	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 14:16	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:16	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 14:16	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:16	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 14:16	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:16	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 14:16	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:16	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 14:16	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:16	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 14:16	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:16	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:16	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 14:16	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 14:16	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 14:16	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 14:16	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:16	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:16	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 14:16	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715009
Sample ID: TH-20B

Date Collected: 02/08/2022 11:29
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:16	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:16	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 14:16	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:16	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 14:16	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:16	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:16	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:16	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 14:16	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 14:16	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 14:16	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 14:16	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 14:16	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 14:16	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 14:16	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:16	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 14:16	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 14:16	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 14:16	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:16	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:16	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:16	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:16	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 14:16	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	1	mg/L	0.03	0.01	1	02/09/2022 09:02	02/09/2022 09:02	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715009	Date Collected:	02/08/2022 11:29			Matrix:	Water	
Sample ID:	TH-20B	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	246	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	61	mg/L	5	2.6	1	02/09/2022 13:20	02/09/2022 13:20	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.39	mg/L	0.10	0.092	1	02/08/2022 18:05	02/08/2022 18:05	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	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	43	86	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	86	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715010	Date Collected:	02/08/2022 12:17			Matrix:	Water	
Sample ID:	TH-61	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	311.8	umhos/cm			1	02/08/2022 12:17	02/08/2022 12:17	
Dissolved Oxygen	4.74	mg/L			1	02/08/2022 12:17	02/08/2022 12:17	
ORP-2580BW	35.7	mV			1	02/08/2022 12:17	02/08/2022 12:17	
Temperature	23.8	°C			1	02/08/2022 12:17	02/08/2022 12:17	
Turbidity	4.93	NTU			1	02/08/2022 12:17	02/08/2022 12:17	
pH	5.65	SU			1	02/08/2022 12:17	02/08/2022 12:17	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 16:42	T
Iron	0.24	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 16:42	T
Sodium	4.4	mg/L	1.0	0.80	1	02/14/2022 12:00	02/15/2022 16:42	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 16:42	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:30	J
Arsenic	0.00083 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:30	J
Barium	0.0063	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:30	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:30	J
Chromium	0.0011 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:30	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:30	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:30	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:30	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:30	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:30	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:30	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:30	J
Vanadium	0.0034 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:30	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715010
Sample ID: TH-61

Date Collected: 02/08/2022 12:17
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 11:02	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 14:41	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 14:41	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 14:41	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:41	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 14:41	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 14:41	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:41	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:41	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:41	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 14:41	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 14:41	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 14:41	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:41	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 14:41	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 14:41	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 14:41	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:41	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 14:41	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 14:41	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:41	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715010
Sample ID: TH-61

Date Collected: 02/08/2022 12:17
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:41	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 14:41	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 14:41	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 14:41	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 14:41	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 14:41	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:41	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:41	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 14:41	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 14:41	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 14:41	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:41	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 14:41	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 14:41	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 14:41	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:41	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 14:41	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 14:41	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 14:41	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 14:41	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 14:41	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 14:41	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.2	mg/L	0.03	0.01	1	02/09/2022 09:03	02/09/2022 09:03	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715010	Date Collected:	02/08/2022 12:17			Matrix:	Water	
Sample ID:	TH-61	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	132	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 4500-CI-E)								
Chloride	10	mg/L	5	2.6	1	02/09/2022 13:21	02/09/2022 13:21	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:05	02/08/2022 18:05	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	107	70 - 128	T
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	42	84	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	86	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715011	Date Collected:	02/08/2022 12:54			Matrix:	Water	
Sample ID:	TH-61A	Date Received:	02/08/2022 14:55					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	200.1	umhos/cm			1	02/08/2022 12:54	02/08/2022 12:54	
Dissolved Oxygen	1.51	mg/L			1	02/08/2022 12:54	02/08/2022 12:54	
ORP-2580BW	41.1	mV			1	02/08/2022 12:54	02/08/2022 12:54	
Temperature	24.7	°C			1	02/08/2022 12:54	02/08/2022 12:54	
Turbidity	2.94	NTU			1	02/08/2022 12:54	02/08/2022 12:54	
pH	5.67	SU			1	02/08/2022 12:54	02/08/2022 12:54	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 16:45	T
Iron	0.40	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 16:45	T
Sodium	3.9	mg/L	1.0	0.80	1	02/14/2022 12:00	02/15/2022 16:45	T
Zinc	0.11	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 16:45	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:46	J
Arsenic	0.00070 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:46	J
Barium	0.0054	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:46	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:46	J
Chromium	0.0011 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:46	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:46	J
Copper	0.0026 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:46	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:46	J
Nickel	0.0038 I	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:46	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 12:46	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 12:46	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 12:46	J
Vanadium	0.0087	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 12:46	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715011
Sample ID: TH-61A

Date Collected: 02/08/2022 12:54
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 15:07	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 15:07	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 15:07	T
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/21/2022 18:30	02/23/2022 11:05	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 15:07	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 15:07	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 15:07	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 15:07	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 15:07	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 15:07	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 15:07	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 15:07	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 15:07	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 15:07	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 15:07	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 15:07	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 15:07	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 15:07	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 15:07	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 15:07	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 15:07	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 15:07	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 15:07	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 15:07	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715011
Sample ID: TH-61A

Date Collected: 02/08/2022 12:54
Date Received: 02/08/2022 14:55

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 15:07	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 15:07	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 15:07	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 15:07	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 15:07	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 15:07	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 15:07	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 15:07	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 15:07	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 15:07	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 15:07	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 15:07	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 15:07	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 15:07	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 15:07	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 15:07	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 15:07	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 15:07	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 15:07	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 15:07	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 15:07	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 15:07	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 15:07	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 15:07	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.2	mg/L	0.03	0.01	1	02/09/2022 09:04	02/09/2022 09:04	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715011	Date Collected:	02/08/2022 12:54				Matrix:	Water	
Sample ID:	TH-61A	Date Received:	02/08/2022 14:55						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	196	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	8	mg/L	5	2.6	1	02/09/2022 13:21	02/09/2022 13:21	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 18:06	02/08/2022 18:06	T	

Analysis Results Comments

Mercury

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	87	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	43	86	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715012		Date Collected:			02/10/2022 00:00		Matrix:	Water	
Sample ID:	Trip Blank		Date Received:			02/10/2022 13:25				
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))										
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02		02/15/2022 19:33		T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02		02/15/2022 19:33		T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02		02/15/2022 19:33		T
VOLATILES (SW-846 5030B/SW-846 8260B)										
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 19:33		T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02		02/15/2022 19:33		T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02		02/15/2022 19:33		T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02		02/15/2022 19:33		T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02		02/15/2022 19:33		T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02		02/15/2022 19:33		T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02		02/15/2022 19:33		T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02		02/15/2022 19:33		T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02		02/15/2022 19:33		T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02		02/15/2022 19:33		T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02		02/15/2022 19:33		T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 19:33		T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02		02/15/2022 19:33		T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02		02/15/2022 19:33		T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02		02/15/2022 19:33		T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 19:33		T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02		02/15/2022 19:33		T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02		02/15/2022 19:33		T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02		02/15/2022 19:33		T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 19:33		T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02		02/15/2022 19:33		T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02		02/15/2022 19:33		T





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715012
Sample ID: Trip Blank

Date Collected: 02/10/2022 00:00
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:33	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 19:33	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 19:33	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:33	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:33	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:33	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:33	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:33	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 19:33	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:33	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:33	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 19:33	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 19:33	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 19:33	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 19:33	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:33	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 19:33	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 19:33	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:33	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 19:33	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 19:33	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 19:33	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	107	70 - 128	T
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	43	85	70 - 130	T
Toluene-d8 (S)	ug/L	50	39	79	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715013
Sample ID: TH-65

Date Collected: 02/10/2022 08:54
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	204.5	umhos/cm			1	02/10/2022 08:54	02/10/2022 08:54	
Dissolved Oxygen	3.66	mg/L			1	02/10/2022 08:54	02/10/2022 08:54	
ORP-2580BW	2.4	mV			1	02/10/2022 08:54	02/10/2022 08:54	
Temperature	19	°C			1	02/10/2022 08:54	02/10/2022 08:54	
Turbidity	5.08	NTU			1	02/10/2022 08:54	02/10/2022 08:54	
pH	5.32	SU			1	02/10/2022 08:54	02/10/2022 08:54	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:05	T
Iron	1.7	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:05	T
Sodium	9.6	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:05	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:05	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.017	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:36	J
Chromium	0.0019 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:36	J
Cobalt	0.0010	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:36	J
Nickel	0.0014 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:36	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:36	J
Arsenic	0.020	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:36	J
Selenium	0.0018 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:36	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:36	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:36	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:36	J
Barium	0.0016 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:36	J
Thallium	0.00035 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:36	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:36	J

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715013	Date Collected: 02/10/2022 08:54					Matrix: Water		
Sample ID: TH-65	Date Received: 02/10/2022 13:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000025 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:36	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 19:59	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 19:59	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 19:59	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:59	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 19:59	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 19:59	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:59	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:59	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:59	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 19:59	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 19:59	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 19:59	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:59	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 19:59	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 19:59	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 19:59	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:59	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 19:59	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 19:59	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:59	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715013
Sample ID: TH-65

Date Collected: 02/10/2022 08:54
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:59	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 19:59	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:59	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 19:59	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 19:59	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:59	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:59	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:59	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:59	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 19:59	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:59	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:59	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 19:59	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 19:59	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 19:59	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:59	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 19:59	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 19:59	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:59	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 19:59	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 19:59	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 19:59	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.8	mg/L	0.03	0.01	1	02/14/2022 12:38	02/14/2022 12:38	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715013
Sample ID: TH-65

Date Collected: 02/10/2022 08:54
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	206	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	33	mg/L	5	2.6	1	02/17/2022 13:39	02/17/2022 13:39	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:30	02/10/2022 21:30	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	109	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	88	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	91	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715014	Date Collected:	02/10/2022 09:28			Matrix:	Water	
Sample ID:	TH-69A	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	475.1	umhos/cm			1	02/10/2022 09:28	02/10/2022 09:28	
Dissolved Oxygen	3.72	mg/L			1	02/10/2022 09:28	02/10/2022 09:28	
ORP-2580BW	-7.2	mV			1	02/10/2022 09:28	02/10/2022 09:28	
Temperature	25.5	°C			1	02/10/2022 09:28	02/10/2022 09:28	
Turbidity	5.9	NTU			1	02/10/2022 09:28	02/10/2022 09:28	
pH	6.06	SU			1	02/10/2022 09:28	02/10/2022 09:28	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:08	T
Iron	4.1	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:08	T
Sodium	14	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:08	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:08	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:42	J
Arsenic	0.00052 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:42	J
Barium	0.0037	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:42	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:42	J
Chromium	0.00051 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:42	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:42	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:42	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:42	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:42	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:42	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:42	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:42	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:42	J

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Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715014
Sample ID: TH-69A

Date Collected: 02/10/2022 09:28
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000021 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 10:44	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 20:24	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 20:24	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 20:24	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:24	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 20:24	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 20:24	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:24	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:24	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:24	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 20:24	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 20:24	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 20:24	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:24	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 20:24	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 20:24	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 20:24	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:24	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 20:24	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 20:24	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:24	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715014
Sample ID: TH-69A

Date Collected: 02/10/2022 09:28
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:24	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 20:24	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:24	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 20:24	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 20:24	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:24	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:24	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:24	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:24	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 20:24	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:24	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:24	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 20:24	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 20:24	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 20:24	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:24	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 20:24	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 20:24	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:24	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 20:24	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 20:24	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 20:24	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.6	mg/L	0.03	0.01	1	02/14/2022 12:41	02/14/2022 12:41	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715014	Date Collected:	02/10/2022 09:28			Matrix:	Water	
Sample ID:	TH-69A	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	294	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-CI-E)								
Chloride	39	mg/L	5	2.6	1	02/17/2022 13:40	02/17/2022 13:40	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:31	02/10/2022 21:31	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	56	112	70 - 128	T
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	44	88	70 - 130	T
Toluene-d8 (S)	ug/L	50	39	79	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715015	Date Collected:	02/10/2022 09:40			Matrix:	Water	
Sample ID:	Field Blank	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:10	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:10	T
Sodium	0.80 U	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:10	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:10	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:47	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:47	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:47	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:47	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:47	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:47	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:47	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:47	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:47	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:47	J
Barium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:47	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:47	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:47	J
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	03/01/2022 11:57	03/02/2022 13:57	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 20:50	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 20:50	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 20:50	T
VOLATILES (SW-846 5030B/SW-846 8260B)								





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715015
Sample ID: Field Blank

Date Collected: 02/10/2022 09:40
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:50	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 20:50	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 20:50	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:50	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:50	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:50	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 20:50	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 20:50	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 20:50	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:50	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 20:50	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 20:50	T
2-Butanone (MEK)	1.3	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 20:50	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:50	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 20:50	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 20:50	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:50	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:50	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 20:50	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 20:50	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 20:50	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 20:50	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 20:50	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:50	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715015	Date Collected: 02/10/2022 09:40					Matrix: Water		
Sample ID: Field Blank	Date Received: 02/10/2022 13:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:50	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 20:50	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 20:50	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 20:50	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:50	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 20:50	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 20:50	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 20:50	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:50	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 20:50	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 20:50	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 20:50	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 20:50	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 20:50	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 20:50	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.01 U	mg/L	0.03	0.01	1	02/14/2022 12:37	02/14/2022 12:37	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10 U	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	2.6 U	mg/L	5	2.6	1	02/17/2022 13:35	02/17/2022 13:35	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:29	02/10/2022 21:29	T





Advanced Environmental Laboratories, Inc
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	58	116	70 - 128	T
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	45	90	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	81	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715016	Date Collected:				02/10/2022 10:31			Matrix:	Water
Sample ID:	TH-71A	Date Received:				02/10/2022 13:25				
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab
FIELD PARAMETERS (Field Measurements)										
Conductivity	1576	umhos/cm			1	02/10/2022 10:31		02/10/2022 10:31		
Dissolved Oxygen	2.63	mg/L			1	02/10/2022 10:31		02/10/2022 10:31		
ORP-2580BW	27.8	mV			1	02/10/2022 10:31		02/10/2022 10:31		
Temperature	24.1	°C			1	02/10/2022 10:31		02/10/2022 10:31		
Turbidity	19.1	NTU			1	02/10/2022 10:31		02/10/2022 10:31		
pH	5.98	SU			1	02/10/2022 10:31		02/10/2022 10:31		
METALS (SW-846 3010A/SW-846 6010)										
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00		02/18/2022 15:13		T
Iron	44	mg/L	0.10	0.0067	1	02/16/2022 12:00		02/18/2022 15:13		T
Sodium	88	mg/L	1.0	0.80	1	02/16/2022 12:00		02/18/2022 15:13		T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00		02/18/2022 15:13		T
METALS (SW-846 3010A/SW-846 6020)										
Vanadium	0.010	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:52		J
Chromium	0.00093 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:52		J
Cobalt	0.00066 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:52		J
Nickel	0.0038 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 18:52		J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:52		J
Arsenic	0.0030	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:52		J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 18:52		J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:52		J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:52		J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:52		J
Barium	0.053	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:52		J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:52		J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:52		J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715016
Sample ID: TH-71A

Date Collected: 02/10/2022 10:31
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000020 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 10:50	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 21:16	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 21:16	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 21:16	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:16	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 21:16	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 21:16	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:16	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:16	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:16	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 21:16	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 21:16	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 21:16	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:16	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 21:16	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 21:16	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 21:16	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:16	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 21:16	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 21:16	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:16	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715016
Sample ID: TH-71A

Date Collected: 02/10/2022 10:31
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:16	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 21:16	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:16	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 21:16	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 21:16	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:16	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:16	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:16	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:16	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 21:16	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:16	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:16	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 21:16	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 21:16	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 21:16	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:16	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 21:16	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 21:16	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:16	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 21:16	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 21:16	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 21:16	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	2	mg/L	0.03	0.01	1	02/14/2022 12:41	02/14/2022 12:41	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715016	Date Collected:	02/10/2022 10:31			Matrix:	Water	
Sample ID:	TH-71A	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	1140	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	358	mg/L	25	13	5	02/17/2022 13:41	02/17/2022 13:41	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.14	mg/L	0.10	0.092	1	02/11/2022 18:12	02/11/2022 18:12	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	58	117	70 - 128	T
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715017
Sample ID: Duplicate

Date Collected: 02/10/2022 00:00
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:16	T
Iron	40	mg/L	0.50	0.034	5	02/16/2022 12:00	02/22/2022 14:47	T
Sodium	83	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:16	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:16	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:57	J
Arsenic	0.0047	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:57	J
Barium	0.054	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:57	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:57	J
Chromium	0.0015 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:57	J
Cobalt	0.00067 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:57	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:57	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:57	J
Nickel	0.0038 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:57	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:57	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:57	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:57	J
Vanadium	0.025	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:57	J
METALS (SW-846 7470A)								
Mercury	0.000022 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:52	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 21:41	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 21:41	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 21:41	T
VOLATILES (SW-846 5030B/SW-846 8260B)								

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715017
Sample ID: Duplicate

Date Collected: 02/10/2022 00:00
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:41	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 21:41	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 21:41	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:41	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:41	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:41	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 21:41	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 21:41	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 21:41	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:41	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 21:41	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 21:41	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 21:41	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:41	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 21:41	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 21:41	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:41	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:41	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 21:41	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 21:41	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 21:41	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 21:41	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 21:41	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:41	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715017	Date Collected: 02/10/2022 00:00					Matrix: Water		
Sample ID: Duplicate	Date Received: 02/10/2022 13:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:41	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 21:41	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 21:41	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 21:41	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:41	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 21:41	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 21:41	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 21:41	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:41	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 21:41	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 21:41	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 21:41	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 21:41	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 21:41	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 21:41	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	2	mg/L	0.03	0.01	1	02/14/2022 12:42	02/14/2022 12:42	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	1070	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	364	mg/L	25	13	5	02/17/2022 13:41	02/17/2022 13:41	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:31	02/10/2022 21:31	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	59	119	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	47	93	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715018	Date Collected:				02/10/2022 11:10		Matrix:	Water
Sample ID:	TH-67	Date Received:				02/10/2022 13:25			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	517.8	umhos/cm			1	02/10/2022 11:10	02/10/2022 11:10		
Dissolved Oxygen	0.84	mg/L			1	02/10/2022 11:10	02/10/2022 11:10		
ORP-2580BW	33.6	mV			1	02/10/2022 11:10	02/10/2022 11:10		
Temperature	21.8	°C			1	02/10/2022 11:10	02/10/2022 11:10		
Turbidity	4.07	NTU			1	02/10/2022 11:10	02/10/2022 11:10		
pH	6.22	SU			1	02/10/2022 11:10	02/10/2022 11:10		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:19	T	
Iron	6.2	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:19	T	
Sodium	25	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:19	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:19	T	
METALS (SW-846 3010A/SW-846 6020)									
Vanadium	0.0048	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:03	J	
Chromium	0.00085 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:03	J	
Cobalt	0.0010	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:03	J	
Nickel	0.0035 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:03	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:03	J	
Arsenic	0.00066 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:03	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:03	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:03	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:03	J	
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:03	J	
Barium	0.0056	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:03	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:03	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:03	J	





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715018	Date Collected: 02/10/2022 11:10					Matrix: Water		
Sample ID: TH-67	Date Received: 02/10/2022 13:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000026 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:55	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 22:07	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 22:07	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 22:07	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:07	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 22:07	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 22:07	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:07	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:07	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:07	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 22:07	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 22:07	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 22:07	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:07	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 22:07	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 22:07	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 22:07	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:07	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 22:07	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 22:07	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:07	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715018
Sample ID: TH-67

Date Collected: 02/10/2022 11:10
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:07	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 22:07	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:07	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 22:07	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 22:07	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:07	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:07	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:07	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:07	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 22:07	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:07	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:07	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 22:07	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 22:07	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 22:07	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:07	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 22:07	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 22:07	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:07	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 22:07	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 22:07	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 22:07	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	2	mg/L	0.03	0.01	1	02/14/2022 12:43	02/14/2022 12:43	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715018
Sample ID: TH-67

Date Collected: 02/10/2022 11:10
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	316	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	44	mg/L	5	2.6	1	02/28/2022 12:12	02/28/2022 12:12	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:14	02/11/2022 18:14	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	58	117	70 - 128	T
Toluene-d8 (S)	ug/L	50	47	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	79	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715019	Date Collected:	02/10/2022 10:31			Matrix:	Water	
Sample ID:	TH-79	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	423.3	umhos/cm			1	02/10/2022 10:31	02/10/2022 10:31	
Dissolved Oxygen	2.72	mg/L			1	02/10/2022 10:31	02/10/2022 10:31	
ORP-2580BW	95.6	mV			1	02/10/2022 10:31	02/10/2022 10:31	
Temperature	21.7	°C			1	02/10/2022 10:31	02/10/2022 10:31	
Turbidity	7.46	NTU			1	02/10/2022 10:31	02/10/2022 10:31	
pH	5.56	SU			1	02/10/2022 10:31	02/10/2022 10:31	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:22	T
Iron	9.5	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:22	T
Sodium	15	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:22	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:22	T
METALS (SW-846 3010A/SW-846 6020)								
Vanadium	0.027	mg/L	0.0080	0.0020	2	02/15/2022 07:55	02/16/2022 10:03	J
Chromium	0.025	mg/L	0.0040	0.0010	2	02/15/2022 07:55	02/16/2022 10:03	J
Cobalt	0.0013 I	mg/L	0.0020	0.00050	2	02/15/2022 07:55	02/16/2022 10:03	J
Nickel	0.0069 I	mg/L	0.010	0.0025	2	02/15/2022 07:55	02/16/2022 10:03	J
Copper	0.0044 I	mg/L	0.0080	0.0020	2	02/15/2022 07:55	02/16/2022 10:03	J
Arsenic	0.0016 I	mg/L	0.0020	0.00050	2	02/15/2022 07:55	02/16/2022 10:03	J
Selenium	0.0025 U	mg/L	0.010	0.0025	2	02/15/2022 07:55	02/16/2022 10:03	J
Silver	0.0010 U	mg/L	0.0040	0.0010	2	02/15/2022 07:55	02/16/2022 10:03	J
Cadmium	0.0011 I	mg/L	0.0020	0.00050	2	02/15/2022 07:55	02/16/2022 10:03	J
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:09	J
Barium	0.041	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:09	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:09	J
Lead	0.0031	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:09	J





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715019	Date Collected:	02/10/2022 10:31			Matrix:	Water			
Sample ID:	TH-79	Date Received:	02/10/2022 13:25							
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab
METALS (SW-846 7470A)										
Mercury	0.000032 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30		02/24/2022 10:58		T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))										
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02		02/15/2022 22:32		T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02		02/15/2022 22:32		T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02		02/15/2022 22:32		T
VOLATILES (SW-846 5030B/SW-846 8260B)										
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 22:32		T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02		02/15/2022 22:32		T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02		02/15/2022 22:32		T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02		02/15/2022 22:32		T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02		02/15/2022 22:32		T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02		02/15/2022 22:32		T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02		02/15/2022 22:32		T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02		02/15/2022 22:32		T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02		02/15/2022 22:32		T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02		02/15/2022 22:32		T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02		02/15/2022 22:32		T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 22:32		T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02		02/15/2022 22:32		T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02		02/15/2022 22:32		T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02		02/15/2022 22:32		T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 22:32		T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02		02/15/2022 22:32		T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02		02/15/2022 22:32		T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02		02/15/2022 22:32		T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02		02/15/2022 22:32		T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715019
Sample ID: TH-79

Date Collected: 02/10/2022 10:31
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:32	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 22:32	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:32	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 22:32	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 22:32	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:32	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:32	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:32	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:32	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:32	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 22:32	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:32	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:32	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 22:32	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 22:32	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 22:32	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 22:32	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:32	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 22:32	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 22:32	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:32	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 22:32	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 22:32	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 22:32	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	2	mg/L	0.03	0.01	1	02/14/2022 12:44	02/14/2022 12:44	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715019	Date Collected:	02/10/2022 10:31			Matrix:	Water		
Sample ID:	TH-79	Date Received:	02/10/2022 13:25						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	194	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	35	mg/L	5	2.6	1	02/28/2022 12:13	02/28/2022 12:13	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.13	mg/L	0.10	0.092	1	02/11/2022 18:15	02/11/2022 18:15	T	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	120	70 - 128	T
Toluene-d8 (S)	ug/L	50	47	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	48	95	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715020	Date Collected:	02/10/2022 09:35			Matrix:	Water	
Sample ID:	TH-66	Date Received:	02/10/2022 13:25					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	199.9	umhos/cm			1	02/10/2022 09:35	02/10/2022 09:35	
Dissolved Oxygen	0.85	mg/L			1	02/10/2022 09:35	02/10/2022 09:35	
ORP-2580BW	50.4	mV			1	02/10/2022 09:35	02/10/2022 09:35	
Temperature	23.5	°C			1	02/10/2022 09:35	02/10/2022 09:35	
Turbidity	4.44	NTU			1	02/10/2022 09:35	02/10/2022 09:35	
pH	5.79	SU			1	02/10/2022 09:35	02/10/2022 09:35	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:25	T
Iron	2.1	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:25	T
Sodium	4.1	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:25	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:25	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:15	J
Arsenic	0.0029	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:15	J
Barium	0.0017 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:15	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:15	J
Chromium	0.0011 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:15	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:15	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:15	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:15	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:15	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:15	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:15	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:15	J
Vanadium	0.0015 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:15	J

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Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715020
Sample ID: TH-66

Date Collected: 02/10/2022 09:35
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 22:58	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 22:58	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 22:58	T
METALS (SW-846 7470A)								
Mercury	0.000017 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 11:01	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:58	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 22:58	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 22:58	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:58	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:58	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:58	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 22:58	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 22:58	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 22:58	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:58	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 22:58	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 22:58	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 22:58	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:58	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 22:58	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 22:58	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:58	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715020
Sample ID: TH-66

Date Collected: 02/10/2022 09:35
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:58	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 22:58	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 22:58	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 22:58	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 22:58	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 22:58	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:58	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:58	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 22:58	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 22:58	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 22:58	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:58	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 22:58	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 22:58	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 22:58	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:58	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 22:58	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 22:58	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 22:58	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 22:58	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 22:58	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 22:58	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.4	mg/L	0.03	0.01	1	02/14/2022 12:44	02/14/2022 12:44	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715020	Date Collected:	02/10/2022 09:35				Matrix:	Water	
Sample ID:	TH-66	Date Received:	02/10/2022 13:25						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	98	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	10	mg/L	5	2.6	1	02/17/2022 13:46	02/17/2022 13:46	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:15	02/11/2022 18:15	T	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	121	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715021	Date Collected:				02/10/2022 09:08		Matrix:	Water
Sample ID:	TH-66A	Date Received:				02/10/2022 13:25			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	252.8	umhos/cm			1	02/10/2022 09:08	02/10/2022 09:08		
Dissolved Oxygen	0.45	mg/L			1	02/10/2022 09:08	02/10/2022 09:08		
ORP-2580BW	-46.4	mV			1	02/10/2022 09:08	02/10/2022 09:08		
Temperature	21.1	°C			1	02/10/2022 09:08	02/10/2022 09:08		
Turbidity	4.59	NTU			1	02/10/2022 09:08	02/10/2022 09:08		
pH	6.29	SU			1	02/10/2022 09:08	02/10/2022 09:08		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 15:33	T	
Iron	0.75	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 15:33	T	
Sodium	4.8	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 15:33	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 15:33	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:20	J	
Arsenic	0.00058 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:20	J	
Barium	0.0049	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:20	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:20	J	
Chromium	0.00077 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:20	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:20	J	
Copper	0.0036 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:20	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:20	J	
Nickel	0.0022 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:20	J	
Selenium	0.0013 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:20	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:20	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:20	J	
Vanadium	0.015	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:20	J	

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Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715021	Date Collected:	02/10/2022 09:08			Matrix:	Water		
Sample ID:	TH-66A	Date Received:	02/10/2022 13:25						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 7470A)									
Mercury	0.000027 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 11:04	T	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))									
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 23:23	T	
VOLATILES (SW-846 5030B/SW-846 8260B)									
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:23	T	
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 23:23	T	
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 23:23	T	
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:23	T	
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:23	T	
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:23	T	
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 23:23	T	
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 23:23	T	
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 23:23	T	
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:23	T	
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 23:23	T	
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 23:23	T	
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 23:23	T	
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:23	T	
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 23:23	T	
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:23	T	
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:23	T	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715021
Sample ID: TH-66A

Date Collected: 02/10/2022 09:08
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:23	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 23:23	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:23	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 23:23	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 23:23	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:23	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:23	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:23	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:23	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:23	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 23:23	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:23	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:23	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 23:23	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 23:23	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 23:23	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 23:23	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:23	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 23:23	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 23:23	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:23	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 23:23	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 23:23	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 23:23	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	1	mg/L	0.03	0.01	1	02/14/2022 12:45	02/14/2022 12:45	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715021
Sample ID: TH-66A

Date Collected: 02/10/2022 09:08
Date Received: 02/10/2022 13:25

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	130	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	15	mg/L	5	2.6	1	02/28/2022 12:14	02/28/2022 12:14	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:16	02/11/2022 18:16	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	61	122	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	107	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	48	95	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715022		Date Collected:	02/11/2022 00:00			Matrix:	Water	
Sample ID:	Trip Blank		Date Received:	02/11/2022 13:17					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))									
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 17:26	T	
VOLATILES (SW-846 5030B/SW-846 8260B)									
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:26	T	
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 17:26	T	
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 17:26	T	
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:26	T	
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:26	T	
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:26	T	
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 17:26	T	
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 17:26	T	
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 17:26	T	
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:26	T	
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 17:26	T	
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 17:26	T	
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 17:26	T	
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:26	T	
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 17:26	T	
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:26	T	
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:26	T	
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:26	T	
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 17:26	T	





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715022
Sample ID: Trip Blank

Date Collected: 02/11/2022 00:00
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:26	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 17:26	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 17:26	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:26	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:26	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:26	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:26	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:26	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 17:26	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:26	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:26	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 17:26	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 17:26	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 17:26	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 17:26	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:26	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 17:26	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 17:26	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:26	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 17:26	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 17:26	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 17:26	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	48	96	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	38	77	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	81	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715023	Date Collected:	02/11/2022 09:42				Matrix:	Water
Sample ID:	Holland	Date Received:	02/11/2022 13:17					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	328.5	umhos/cm			1	02/11/2022 09:42	02/11/2022 09:42	
Dissolved Oxygen	1.13	mg/L			1	02/11/2022 09:42	02/11/2022 09:42	
ORP-2580BW	95.6	mV			1	02/11/2022 09:42	02/11/2022 09:42	
Temperature	13.4	°C			1	02/11/2022 09:42	02/11/2022 09:42	
Turbidity	1.15	NTU			1	02/11/2022 09:42	02/11/2022 09:42	
pH	7.88	SU			1	02/11/2022 09:42	02/11/2022 09:42	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/17/2022 15:00	02/21/2022 17:19	T
Iron	0.010 I	mg/L	0.10	0.0067	1	02/17/2022 15:00	02/21/2022 17:19	T
Sodium	93	mg/L	1.0	0.80	1	02/17/2022 15:00	02/21/2022 17:19	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/17/2022 15:00	02/22/2022 14:33	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:41	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:41	J
Barium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:41	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:41	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:41	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:41	J
Copper	0.033	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:41	J
Lead	0.0046	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:41	J
Nickel	0.0073	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:41	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:41	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:41	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:41	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:41	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715023
Sample ID: Holland

Date Collected: 02/11/2022 09:42
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000015 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 11:06	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 17:52	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 17:52	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 17:52	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:52	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 17:52	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 17:52	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:52	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:52	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:52	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 17:52	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 17:52	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 17:52	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:52	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 17:52	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 17:52	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 17:52	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:52	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 17:52	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 17:52	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:52	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715023
Sample ID: Holland

Date Collected: 02/11/2022 09:42
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:52	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 17:52	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 17:52	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 17:52	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 17:52	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 17:52	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:52	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:52	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 17:52	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 17:52	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 17:52	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:52	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 17:52	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 17:52	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 17:52	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:52	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 17:52	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 17:52	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 17:52	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 17:52	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 17:52	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 17:52	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.01 U	mg/L	0.03	0.01	1	02/14/2022 12:52	02/14/2022 12:52	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715023	Date Collected:	02/11/2022 09:42				Matrix:	Water	
Sample ID:	Holland	Date Received:	02/11/2022 13:17						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	296	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T	
WET CHEMISTRY (SM 4500-Cl-E)									
Chloride	19	mg/L	5	2.6	1	02/17/2022 13:47	02/17/2022 13:47	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:17	02/11/2022 18:17	T	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	40	79	70 - 130	T
Toluene-d8 (S)	ug/L	50	42	84	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715024	Date Collected:				02/11/2022 10:05		Matrix:	Water
Sample ID:	Barnes	Date Received:				02/11/2022 13:17			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	281.7	umhos/cm			1	02/11/2022 10:05	02/11/2022 10:05		
Dissolved Oxygen	3.87	mg/L			1	02/11/2022 10:05	02/11/2022 10:05		
ORP-2580BW	134.5	mV			1	02/11/2022 10:05	02/11/2022 10:05		
Temperature	18.1	°C			1	02/11/2022 10:05	02/11/2022 10:05		
Turbidity	0.98	NTU			1	02/11/2022 10:05	02/11/2022 10:05		
pH	7.19	SU			1	02/11/2022 10:05	02/11/2022 10:05		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/17/2022 15:00	02/21/2022 17:22	T	
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/17/2022 15:00	02/21/2022 17:22	T	
Sodium	7.8	mg/L	1.0	0.80	1	02/17/2022 15:00	02/21/2022 17:22	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/17/2022 15:00	02/22/2022 14:36	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:46	J	
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:46	J	
Barium	0.013	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:46	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:46	J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:46	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:46	J	
Copper	0.0024 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:46	J	
Lead	0.00068 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:46	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:46	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:46	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:46	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:46	J	
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:46	J	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715024
Sample ID: Barnes

Date Collected: 02/11/2022 10:05
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 18:17	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 18:17	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 18:17	T
METALS (SW-846 7470A)								
Mercury	0.000013 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 11:09	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:17	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 18:17	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 18:17	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:17	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:17	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:17	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 18:17	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 18:17	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 18:17	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:17	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 18:17	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 18:17	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 18:17	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:17	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 18:17	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 18:17	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:17	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715024
Sample ID: Barnes

Date Collected: 02/11/2022 10:05
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:17	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 18:17	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:17	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 18:17	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 18:17	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:17	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:17	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:17	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:17	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 18:17	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:17	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:17	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 18:17	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 18:17	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 18:17	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:17	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 18:17	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 18:17	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:17	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 18:17	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 18:17	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 18:17	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.01 U	mg/L	0.03	0.01	1	02/14/2022 12:54	02/14/2022 12:54	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715024	Date Collected:	02/11/2022 10:05			Matrix:	Water	
Sample ID:	Barnes	Date Received:	02/11/2022 13:17					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	222	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-CI-E)								
Chloride	9	mg/L	5	2.6	1	02/17/2022 13:48	02/17/2022 13:48	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:18	02/11/2022 18:18	T

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	48	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	41	81	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	87	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715025	Date Collected:				02/11/2022 11:38		Matrix:	Water
Sample ID:	TH-70A	Date Received:				02/11/2022 13:17			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	448.4	umhos/cm			1	02/11/2022 11:38	02/11/2022 11:38		
Dissolved Oxygen	5.82	mg/L			1	02/11/2022 11:38	02/11/2022 11:38		
ORP-2580BW	39.4	mV			1	02/11/2022 11:38	02/11/2022 11:38		
Temperature	25.5	°C			1	02/11/2022 11:38	02/11/2022 11:38		
Turbidity	137	NTU			1	02/11/2022 11:38	02/11/2022 11:38		
pH	6.68	SU			1	02/11/2022 11:38	02/11/2022 11:38		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/17/2022 15:00	02/21/2022 17:25	T	
Iron	33	mg/L	0.10	0.0067	1	02/17/2022 15:00	02/21/2022 17:25	T	
Sodium	9.6	mg/L	1.0	0.80	1	02/17/2022 15:00	02/21/2022 17:25	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/17/2022 15:00	02/22/2022 14:38	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:51	J	
Arsenic	0.0059	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:51	J	
Barium	0.013	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:51	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:51	J	
Chromium	0.00070 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:51	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:51	J	
Copper	0.0029 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:51	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:51	J	
Nickel	0.0022 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:51	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:51	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:51	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:51	J	
Vanadium	0.0068	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:51	J	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715025	Date Collected: 02/11/2022 11:38					Matrix: Water		
Sample ID: TH-70A	Date Received: 02/11/2022 13:17							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000021 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 11:19	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 18:42	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 18:42	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 18:42	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:42	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 18:42	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 18:42	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:42	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:42	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:42	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 18:42	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 18:42	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 18:42	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:42	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 18:42	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 18:42	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 18:42	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:42	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 18:42	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 18:42	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:42	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715025
Sample ID: TH-70A

Date Collected: 02/11/2022 11:38
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:42	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 18:42	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 18:42	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 18:42	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 18:42	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 18:42	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:42	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:42	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 18:42	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 18:42	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 18:42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:42	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 18:42	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 18:42	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 18:42	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:42	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 18:42	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 18:42	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 18:42	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 18:42	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 18:42	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 18:42	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	2	mg/L	0.03	0.01	1	02/14/2022 12:55	02/14/2022 12:55	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715025	Date Collected:	02/11/2022 11:38			Matrix:	Water	
Sample ID:	TH-70A	Date Received:	02/11/2022 13:17					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	142	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	21	mg/L	5	2.6	1	02/17/2022 13:49	02/17/2022 13:49	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.13	mg/L	0.10	0.092	1	02/11/2022 18:18	02/11/2022 18:18	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	47	94	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	40	80	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	79	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715026	Date Collected:				02/11/2022 12:15		Matrix:	Water
Sample ID:	Keene	Date Received:				02/11/2022 13:17			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	340	umhos/cm			1	02/11/2022 12:15	02/11/2022 12:15		
Dissolved Oxygen	0.41	mg/L			1	02/11/2022 12:15	02/11/2022 12:15		
ORP-2580BW	91.2	mV			1	02/11/2022 12:15	02/11/2022 12:15		
Temperature	23.1	°C			1	02/11/2022 12:15	02/11/2022 12:15		
Turbidity	1.03	NTU			1	02/11/2022 12:15	02/11/2022 12:15		
pH	7.14	SU			1	02/11/2022 12:15	02/11/2022 12:15		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/17/2022 15:00	02/21/2022 17:28	T	
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/17/2022 15:00	02/21/2022 17:28	T	
Sodium	6.5	mg/L	1.0	0.80	1	02/17/2022 15:00	02/21/2022 17:28	T	
Zinc	0.069 I	mg/L	0.10	0.050	1	02/17/2022 15:00	02/22/2022 14:41	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:57	J	
Arsenic	0.00043 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:57	J	
Barium	0.0039	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:57	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:57	J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:57	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:57	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:57	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:57	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:57	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 19:57	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 19:57	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 19:57	J	
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 19:57	J	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715026
Sample ID: Keene

Date Collected: 02/11/2022 12:15
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000017 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 11:22	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 19:08	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 19:08	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 19:08	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:08	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 19:08	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 19:08	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:08	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:08	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:08	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 19:08	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 19:08	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 19:08	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:08	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 19:08	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 19:08	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 19:08	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:08	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 19:08	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 19:08	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:08	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715026
Sample ID: Keene

Date Collected: 02/11/2022 12:15
Date Received: 02/11/2022 13:17

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:08	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 19:08	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 19:08	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 19:08	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 19:08	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 19:08	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:08	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:08	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 19:08	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 19:08	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 19:08	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:08	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 19:08	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 19:08	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 19:08	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:08	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 19:08	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 19:08	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 19:08	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 19:08	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 19:08	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 19:08	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.1	mg/L	0.03	0.01	1	02/14/2022 12:56	02/14/2022 12:56	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715026	Date Collected:	02/11/2022 12:15				Matrix:	Water	
Sample ID:	Keene	Date Received:	02/11/2022 13:17						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	248	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T	
WET CHEMISTRY (SM 4500-CI-E)									
Chloride	14	mg/L	5	2.6	1	02/17/2022 13:49	02/17/2022 13:49	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/11/2022 18:19	02/11/2022 18:19	T	

Analysis Results Comments

Mercury

J4|Estimated Result

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	48	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	42	85	70 - 130	T
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715027	Date Collected: 02/09/2022 00:00					Matrix: Water		
Sample ID: Trip Blank	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/15/2022 23:49	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/15/2022 23:49	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/15/2022 23:49	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:49	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 23:49	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 23:49	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:49	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:49	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:49	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/15/2022 23:49	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/15/2022 23:49	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 23:49	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:49	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 23:49	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 23:49	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 23:49	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:49	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/15/2022 23:49	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/15/2022 23:49	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:49	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:49	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/15/2022 23:49	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715027
Sample ID: Trip Blank

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/15/2022 23:49	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/15/2022 23:49	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/15/2022 23:49	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/15/2022 23:49	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:49	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:49	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/15/2022 23:49	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/15/2022 23:49	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/15/2022 23:49	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:49	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/15/2022 23:49	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/15/2022 23:49	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/15/2022 23:49	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:49	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/15/2022 23:49	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/15/2022 23:49	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/15/2022 23:49	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/15/2022 23:49	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/15/2022 23:49	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/15/2022 23:49	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	61	122	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	109	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 130	T
Toluene-d8 (S)	ug/L	50	42	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	45	91	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715028	Date Collected:				02/09/2022 10:06		Matrix:	Water
Sample ID:	TH-64	Date Received:				02/09/2022 14:48			
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed	Lab
FIELD PARAMETERS (Field Measurements)									
Conductivity	200.9	umhos/cm			1	02/09/2022 10:06		02/09/2022 10:06	
Dissolved Oxygen	2.03	mg/L			1	02/09/2022 10:06		02/09/2022 10:06	
ORP-2580BW	111.4	mV			1	02/09/2022 10:06		02/09/2022 10:06	
Temperature	25.2	°C			1	02/09/2022 10:06		02/09/2022 10:06	
Turbidity	10.13	NTU			1	02/09/2022 10:06		02/09/2022 10:06	
pH	4.71	SU			1	02/09/2022 10:06		02/09/2022 10:06	
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00		02/17/2022 16:59	T
Iron	0.49	mg/L	0.10	0.0067	1	02/16/2022 12:00		02/17/2022 16:59	T
Sodium	6.1	mg/L	1.0	0.80	1	02/16/2022 12:00		02/17/2022 16:59	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00		02/17/2022 16:59	T
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 20:01	J
Arsenic	0.0015	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 20:01	J
Barium	0.068	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 20:01	J
Cadmium	0.00039 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 20:01	J
Chromium	0.0038	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 20:01	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 20:01	J
Copper	0.0018 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 20:01	J
Lead	0.0020	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 20:01	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 20:01	J
Selenium	0.0020 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 20:01	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 20:01	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 20:01	J
Vanadium	0.010	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 20:01	J

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715028
Sample ID: TH-64

Date Collected: 02/09/2022 10:06
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000039 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 09:45	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/16/2022 00:14	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/16/2022 00:14	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/16/2022 00:14	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/16/2022 00:14	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:14	T
1,1,1,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/16/2022 00:14	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:14	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 00:14	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:14	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 00:14	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:14	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/16/2022 00:14	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:14	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 00:14	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:14	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:14	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/16/2022 00:14	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/16/2022 00:14	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/16/2022 00:14	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 00:14	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:14	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:14	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 00:14	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715028
Sample ID: TH-64

Date Collected: 02/09/2022 10:06
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:14	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:14	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 00:14	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:14	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 00:14	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:14	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:14	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:14	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 00:14	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/16/2022 00:14	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 00:14	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/16/2022 00:14	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/16/2022 00:14	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/16/2022 00:14	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 00:14	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:14	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 00:14	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 00:14	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/16/2022 00:14	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:14	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:14	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:14	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:14	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/16/2022 00:14	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.03	mg/L	0.03	0.01	1	02/14/2022 12:56	02/14/2022 12:56	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715028	Date Collected:	02/09/2022 10:06			Matrix:	Water	
Sample ID:	TH-64	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	122	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-CI-E)								
Chloride	8	mg/L	5	2.6	1	02/17/2022 13:50	02/17/2022 13:50	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:17	02/10/2022 21:17	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	62	123	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	97	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715029	Date Collected:	02/09/2022 10:10			Matrix:	Water	
Sample ID:	TH-83	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	565	umhos/cm			1	02/09/2022 10:10	02/09/2022 10:10	
Dissolved Oxygen	6.94	mg/L			1	02/09/2022 10:10	02/09/2022 10:10	
ORP-2580BW	119.5	mV			1	02/09/2022 10:10	02/09/2022 10:10	
Temperature	18.9	°C			1	02/09/2022 10:10	02/09/2022 10:10	
Turbidity	4.1	NTU			1	02/09/2022 10:10	02/09/2022 10:10	
pH	6.3	SU			1	02/09/2022 10:10	02/09/2022 10:10	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:02	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:02	T
Sodium	31	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:02	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:02	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0015 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:30	J
Arsenic	0.00058 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:30	J
Barium	0.0025	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:30	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:30	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:30	J
Cobalt	0.00080 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:30	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:30	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:30	J
Nickel	0.0063	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:30	J
Selenium	0.0031 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:30	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:30	J
Thallium	0.00051 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:30	J
Vanadium	0.083	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:30	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715029
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000016 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 09:48	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/16/2022 00:40	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/16/2022 00:40	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/16/2022 00:40	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:40	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 00:40	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 00:40	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:40	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:40	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:40	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/16/2022 00:40	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/16/2022 00:40	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 00:40	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:40	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 00:40	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 00:40	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 00:40	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:40	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 00:40	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 00:40	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:40	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715029
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:40	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/16/2022 00:40	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 00:40	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/16/2022 00:40	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 00:40	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 00:40	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:40	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:40	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 00:40	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/16/2022 00:40	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 00:40	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:40	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/16/2022 00:40	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 00:40	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 00:40	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:40	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/16/2022 00:40	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/16/2022 00:40	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 00:40	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 00:40	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/16/2022 00:40	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/16/2022 00:40	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	3	mg/L	0.03	0.01	1	02/14/2022 12:57	02/14/2022 12:57	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715029
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	222	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T

WET CHEMISTRY (SM 4500-Cl-E)

Chloride	41	mg/L	5	2.6	1	02/17/2022 13:51	02/17/2022 13:51	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.45	mg/L	0.10	0.092	1	02/10/2022 21:19	02/10/2022 21:19	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	62	123	70 - 128	T
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 130	T
Toluene-d8 (S)	ug/L	50	42	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715030	Date Collected:	02/09/2022 10:47			Matrix:	Water	
Sample ID:	TH-68	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	175.4	umhos/cm			1	02/09/2022 10:47	02/09/2022 10:47	
Dissolved Oxygen	2.76	mg/L			1	02/09/2022 10:47	02/09/2022 10:47	
ORP-2580BW	27.1	mV			1	02/09/2022 10:47	02/09/2022 10:47	
Temperature	24.9	°C			1	02/09/2022 10:47	02/09/2022 10:47	
Turbidity	19.7	NTU			1	02/09/2022 10:47	02/09/2022 10:47	
pH	5.32	SU			1	02/09/2022 10:47	02/09/2022 10:47	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:11	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:11	T
Sodium	15	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:11	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:11	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:36	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:36	J
Barium	0.0063	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:36	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:36	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:36	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:36	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:36	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:36	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:36	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:36	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:36	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:36	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:36	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715030
Sample ID: TH-68

Date Collected: 02/09/2022 10:47
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000014 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 09:51	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02	02/16/2022 01:05	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02	02/16/2022 01:05	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02	02/16/2022 01:05	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:05	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 01:05	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 01:05	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:05	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:05	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:05	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/16/2022 01:05	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/16/2022 01:05	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 01:05	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:05	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 01:05	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 01:05	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 01:05	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:05	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 01:05	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 01:05	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:05	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715030
Sample ID: TH-68

Date Collected: 02/09/2022 10:47
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:05	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/16/2022 01:05	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:05	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/16/2022 01:05	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 01:05	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:05	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:05	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:05	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:05	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/16/2022 01:05	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:05	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:05	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/16/2022 01:05	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 01:05	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 01:05	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:05	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/16/2022 01:05	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/16/2022 01:05	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:05	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 01:05	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/16/2022 01:05	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/16/2022 01:05	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.06	mg/L	0.03	0.01	1	02/14/2022 12:58	02/14/2022 12:58	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715030	Date Collected:	02/09/2022 10:47				Matrix:	Water	
Sample ID:	TH-68	Date Received:	02/09/2022 14:48						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Dissolved Solids	290	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T	
WET CHEMISTRY (SM 4500-Cl-E)									
Chloride	7	mg/L	5	2.6	1	02/17/2022 13:51	02/17/2022 13:51	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.19	mg/L	0.10	0.092	1	02/10/2022 21:18	02/10/2022 21:18	T	

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	61	122	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	55	109	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	48	96	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	46	91	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715031	Date Collected:	02/09/2022 12:42			Matrix:	Water	
Sample ID:	TH-36A	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	226.6	umhos/cm			1	02/09/2022 12:42	02/09/2022 12:42	
Dissolved Oxygen	1.28	mg/L			1	02/09/2022 12:42	02/09/2022 12:42	
ORP-2580BW	25.1	mV			1	02/09/2022 12:42	02/09/2022 12:42	
Temperature	25.2	°C			1	02/09/2022 12:42	02/09/2022 12:42	
Turbidity	2.66	NTU			1	02/09/2022 12:42	02/09/2022 12:42	
pH	5.81	SU			1	02/09/2022 12:42	02/09/2022 12:42	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:14	T
Iron	0.056 I	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:14	T
Sodium	4.4	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:14	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:14	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:52	J
Arsenic	0.00072 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:52	J
Barium	0.0060	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:52	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:52	J
Chromium	0.0011 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:52	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:52	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:52	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:52	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:52	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:52	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:52	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:52	J
Vanadium	0.0032 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:52	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715031
Sample ID: TH-36A

Date Collected: 02/09/2022 12:42
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000028 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 09:54	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/19/2022 04:08	02/19/2022 08:02	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/19/2022 04:08	02/19/2022 08:02	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/19/2022 04:08	02/19/2022 08:02	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:02	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:02	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:02	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:02	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:02	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:02	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/19/2022 04:08	02/19/2022 08:02	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/19/2022 04:08	02/19/2022 08:02	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:02	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:02	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:02	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:02	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:02	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:02	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:02	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:02	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:02	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715031
Sample ID: TH-36A

Date Collected: 02/09/2022 12:42
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:02	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/19/2022 04:08	02/19/2022 08:02	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:02	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/19/2022 04:08	02/19/2022 08:02	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:02	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:02	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:02	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:02	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:02	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/19/2022 04:08	02/19/2022 08:02	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:02	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:02	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/19/2022 04:08	02/19/2022 08:02	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:02	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:02	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:02	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/19/2022 04:08	02/19/2022 08:02	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/19/2022 04:08	02/19/2022 08:02	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:02	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:02	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/19/2022 04:08	02/19/2022 08:02	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/19/2022 04:08	02/19/2022 08:02	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.2	mg/L	0.03	0.01	1	02/14/2022 12:59	02/14/2022 12:59	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715031
Sample ID: TH-36A

Date Collected: 02/09/2022 12:42
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	140	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T

WET CHEMISTRY (SM 4500-CI-E)

Chloride	8	mg/L	5	2.6	1	02/17/2022 13:54	02/17/2022 13:54	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:16	02/10/2022 21:16	T
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Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	121	70 - 128	T
Toluene-d8 (S)	ug/L	50	42	84	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	56	112	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	61	122	70 - 130	T
Toluene-d8 (S)	ug/L	50	54	107	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	47	93	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715032	Date Collected:	02/09/2022 13:24			Matrix:	Water	
Sample ID:	TH-57	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	205.3	umhos/cm			1	02/09/2022 13:24	02/09/2022 13:24	
Dissolved Oxygen	4.31	mg/L			1	02/09/2022 13:24	02/09/2022 13:24	
ORP-2580BW	2.8	mV			1	02/09/2022 13:24	02/09/2022 13:24	
Temperature	27.4	°C			1	02/09/2022 13:24	02/09/2022 13:24	
Turbidity	5.45	NTU			1	02/09/2022 13:24	02/09/2022 13:24	
pH	5.15	SU			1	02/09/2022 13:24	02/09/2022 13:24	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:16	T
Iron	0.37	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:16	T
Sodium	16	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:16	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:16	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:10	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:10	J
Barium	0.0073	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:10	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:10	J
Chromium	0.00080 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:10	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:10	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:10	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:10	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:10	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:10	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:10	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:10	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:10	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715032
Sample ID: TH-57

Date Collected: 02/09/2022 13:24
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000017 I	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 09:57	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/19/2022 04:08	02/19/2022 08:28	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/19/2022 04:08	02/19/2022 08:28	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/19/2022 04:08	02/19/2022 08:28	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:28	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:28	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:28	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:28	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:28	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:28	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/19/2022 04:08	02/19/2022 08:28	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/19/2022 04:08	02/19/2022 08:28	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:28	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:28	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:28	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:28	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:28	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:28	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:28	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:28	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:28	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715032
Sample ID: TH-57

Date Collected: 02/09/2022 13:24
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:28	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/19/2022 04:08	02/19/2022 08:28	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:28	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/19/2022 04:08	02/19/2022 08:28	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:28	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:28	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:28	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:28	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:28	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/19/2022 04:08	02/19/2022 08:28	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:28	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:28	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/19/2022 04:08	02/19/2022 08:28	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:28	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:28	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:28	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/19/2022 04:08	02/19/2022 08:28	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/19/2022 04:08	02/19/2022 08:28	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:28	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:28	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/19/2022 04:08	02/19/2022 08:28	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/19/2022 04:08	02/19/2022 08:28	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	1	mg/L	0.03	0.01	1	02/14/2022 12:59	02/14/2022 12:59	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715032
Sample ID: TH-57

Date Collected: 02/09/2022 13:24
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	148	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	47	mg/L	5	2.6	1	02/17/2022 13:56	02/17/2022 13:56	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:16	02/10/2022 21:16	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	41	82	70 - 128	T
Toluene-d8 (S)	ug/L	50	43	86	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	56	111	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	61	122	70 - 130	T
Toluene-d8 (S)	ug/L	50	55	110	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	46	93	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715033		Date Collected:			02/09/2022 00:00			Matrix:	Water	
Sample ID:	Duplicate		Date Received:			02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab	
METALS (SW-846 3010A/SW-846 6010)											
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00		02/17/2022 17:19		T	
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00		02/17/2022 17:19		T	
Sodium	34	mg/L	1.0	0.80	1	02/16/2022 12:00		02/17/2022 17:19		T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00		02/17/2022 17:19		T	
METALS (SW-846 3010A/SW-846 6020)											
Antimony	0.0015 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:15		J	
Arsenic	0.00058 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:15		J	
Barium	0.0024	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:15		J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:15		J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:15		J	
Cobalt	0.00072 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:15		J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:15		J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:15		J	
Nickel	0.0049 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 18:15		J	
Selenium	0.0027 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55		02/15/2022 18:15		J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55		02/15/2022 18:15		J	
Thallium	0.00051 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55		02/15/2022 18:15		J	
Vanadium	0.085	mg/L	0.0040	0.0010	1	02/15/2022 07:55		02/15/2022 18:15		J	
METALS (SW-846 7470A)											
Mercury	0.000017 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30		02/24/2022 09:59		T	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))											
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/15/2022 14:02		02/16/2022 01:31		T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/15/2022 14:02		02/16/2022 01:31		T	
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/15/2022 14:02		02/16/2022 01:31		T	
VOLATILES (SW-846 5030B/SW-846 8260B)											

Monday, April 11, 2022 2:26:27 PM
Dates and times are displayed using (-04:00)
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715033
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:31	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 01:31	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 01:31	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:31	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:31	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:31	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/15/2022 14:02	02/16/2022 01:31	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/15/2022 14:02	02/16/2022 01:31	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 01:31	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:31	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 01:31	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 01:31	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 01:31	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:31	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/15/2022 14:02	02/16/2022 01:31	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/15/2022 14:02	02/16/2022 01:31	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:31	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:31	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/15/2022 14:02	02/16/2022 01:31	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/15/2022 14:02	02/16/2022 01:31	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/15/2022 14:02	02/16/2022 01:31	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/15/2022 14:02	02/16/2022 01:31	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/15/2022 14:02	02/16/2022 01:31	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:31	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715033	Date Collected: 02/09/2022 00:00					Matrix: Water		
Sample ID: Duplicate	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:31	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/15/2022 14:02	02/16/2022 01:31	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/15/2022 14:02	02/16/2022 01:31	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/15/2022 14:02	02/16/2022 01:31	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:31	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/15/2022 14:02	02/16/2022 01:31	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/15/2022 14:02	02/16/2022 01:31	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/15/2022 14:02	02/16/2022 01:31	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:31	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/15/2022 14:02	02/16/2022 01:31	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/15/2022 14:02	02/16/2022 01:31	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/15/2022 14:02	02/16/2022 01:31	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/15/2022 14:02	02/16/2022 01:31	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/15/2022 14:02	02/16/2022 01:31	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/15/2022 14:02	02/16/2022 01:31	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	3	mg/L	0.03	0.01	1	02/14/2022 13:00	02/14/2022 13:00	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	248	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-Cl-E)								
Chloride	39	mg/L	5	2.6	1	02/17/2022 13:57	02/17/2022 13:57	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.28	mg/L	0.10	0.092	1	02/10/2022 21:19	02/10/2022 21:19	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	62	124	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	49	98	70 - 130	T
Toluene-d8 (S)	ug/L	50	41	83	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	44	89	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715034	Date Collected:	02/09/2022 11:42			Matrix:	Water	
Sample ID:	TH-19	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	45.3	umhos/cm			1	02/09/2022 11:42	02/09/2022 11:42	
Dissolved Oxygen	0.43	mg/L			1	02/09/2022 11:42	02/09/2022 11:42	
ORP-2580BW	-4.5	mV			1	02/09/2022 11:42	02/09/2022 11:42	
Temperature	22.5	°C			1	02/09/2022 11:42	02/09/2022 11:42	
Turbidity	4.25	NTU			1	02/09/2022 11:42	02/09/2022 11:42	
pH	7.09	SU			1	02/09/2022 11:42	02/09/2022 11:42	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:22	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:22	T
Sodium	12	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:22	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:22	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:21	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:21	J
Barium	0.0058	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:21	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:21	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:21	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:21	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:21	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:21	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:21	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 18:21	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 18:21	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 18:21	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 18:21	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715034
Sample ID: TH-19

Date Collected: 02/09/2022 11:42
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/23/2022 11:30	02/24/2022 10:02	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/19/2022 04:08	02/19/2022 08:54	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/19/2022 04:08	02/19/2022 08:54	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/19/2022 04:08	02/19/2022 08:54	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:54	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:54	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:54	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:54	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:54	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:54	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/19/2022 04:08	02/19/2022 08:54	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/19/2022 04:08	02/19/2022 08:54	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:54	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:54	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:54	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:54	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:54	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:54	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/19/2022 04:08	02/19/2022 08:54	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/19/2022 04:08	02/19/2022 08:54	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:54	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715034
Sample ID: TH-19

Date Collected: 02/09/2022 11:42
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:54	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/19/2022 04:08	02/19/2022 08:54	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/19/2022 04:08	02/19/2022 08:54	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/19/2022 04:08	02/19/2022 08:54	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/19/2022 04:08	02/19/2022 08:54	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/19/2022 04:08	02/19/2022 08:54	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:54	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:54	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/19/2022 04:08	02/19/2022 08:54	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/19/2022 04:08	02/19/2022 08:54	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/19/2022 04:08	02/19/2022 08:54	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:54	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/19/2022 04:08	02/19/2022 08:54	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/19/2022 04:08	02/19/2022 08:54	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/19/2022 04:08	02/19/2022 08:54	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:54	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/19/2022 04:08	02/19/2022 08:54	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/19/2022 04:08	02/19/2022 08:54	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/19/2022 04:08	02/19/2022 08:54	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/19/2022 04:08	02/19/2022 08:54	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/19/2022 04:08	02/19/2022 08:54	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/19/2022 04:08	02/19/2022 08:54	T

WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.3	mg/L	0.03	0.01	1	02/14/2022 13:07	02/14/2022 13:07	T
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WET CHEMISTRY (SM 2540 C)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715034	Date Collected:	02/09/2022 11:42			Matrix:	Water	
Sample ID:	TH-19	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Total Dissolved Solids	338	mg/L	10	10	1	02/14/2022 12:30	02/14/2022 12:30	T
WET CHEMISTRY (SM 4500-CI-E)								
Chloride	8	mg/L	5	2.6	1	02/17/2022 13:57	02/17/2022 13:57	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/10/2022 21:13	02/10/2022 21:13	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	57	114	70 - 128	T
Toluene-d8 (S)	ug/L	50	55	111	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	57	114	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	60	120	70 - 130	T
Toluene-d8 (S)	ug/L	50	54	107	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	48	95	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715035	Date Collected:	02/07/2022 00:00				Matrix:	Water	
Sample ID:	Trip Blank	Date Received:	02/07/2022 14:15						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))									
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 07:51	T	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 07:51	T	
VOLATILES (SW-846 5030B/SW-846 8260B)									
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 07:51	T	
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 07:51	T	
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 07:51	T	
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 07:51	T	
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 07:51	T	
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 07:51	T	
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 07:51	T	
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 07:51	T	
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 07:51	T	
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 07:51	T	
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 07:51	T	
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 07:51	T	
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 07:51	T	
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 07:51	T	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715035
Sample ID: Trip Blank

Date Collected: 02/07/2022 00:00
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 07:51	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 07:51	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 07:51	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 07:51	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 07:51	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 07:51	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 07:51	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 07:51	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 07:51	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 07:51	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 07:51	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 07:51	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 07:51	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 07:51	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 07:51	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 07:51	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 07:51	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 07:51	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 07:51	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 07:51	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 07:51	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 07:51	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	48	95	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	55	110	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 130	T
Toluene-d8 (S)	ug/L	50	48	95	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	55	110	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715036	Date Collected:				02/07/2022 09:40		Matrix:	Water
Sample ID:	Mine Cut 1D	Date Received:				02/07/2022 14:15			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	369.5	umhos/cm			1	02/07/2022 09:40	02/07/2022 09:40		
DO Saturation %	5.4	%			1	02/07/2022 09:40	02/07/2022 09:40		
Dissolved Oxygen	0.52	mg/L			1	02/07/2022 09:40	02/07/2022 09:40		
ORP-2580BW	150.1	mV			1	02/07/2022 09:40	02/07/2022 09:40		
Temperature	16.6	°C			1	02/07/2022 09:40	02/07/2022 09:40		
Turbidity	5.8	NTU			1	02/07/2022 09:40	02/07/2022 09:40		
pH	6.75	SU			1	02/07/2022 09:40	02/07/2022 09:40		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/11/2022 12:00	02/15/2022 19:25	T	
Iron	0.13	mg/L	0.10	0.0067	1	02/11/2022 12:00	02/15/2022 19:25	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/11/2022 12:00	02/15/2022 19:25	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 10:55	J	
Arsenic	0.00045 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 10:55	J	
Barium	0.0018 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 10:55	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 10:55	J	
Chromium	0.00051 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 10:55	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 10:55	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 10:55	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 10:55	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 10:55	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 10:55	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 10:55	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 10:55	J	
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 10:55	J	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715036
Sample ID: Mine Cut 1D

Date Collected: 02/07/2022 09:40
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.0001 0	0.0000 11	1	02/17/2022 09:00	02/17/2022 11:41	T
Microbiology (SM 9222D)								
Coliform Fecal	64	#/100 mL	1	1	1	02/07/2022 16:56	02/07/2022 16:56	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 08:17	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 08:17	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 08:17	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 08:17	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:17	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 08:17	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:17	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 08:17	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:17	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 08:17	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:17	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 08:17	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:17	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 08:17	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:17	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:17	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 08:17	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 08:17	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 08:17	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 08:17	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:17	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715036
Sample ID: Mine Cut 1D

Date Collected: 02/07/2022 09:40
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:17	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 08:17	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:17	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:17	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 08:17	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:17	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 08:17	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:17	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:17	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:17	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 08:17	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 08:17	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 08:17	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 08:17	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 08:17	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 08:17	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 08:17	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:17	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 08:17	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 08:17	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 08:17	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:17	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:17	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:17	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:17	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 08:17	T

WET CHEMISTRY (Calculation)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715036	Date Collected:	02/07/2022 09:40			Matrix:	Water		
Sample ID:	Mine Cut 1D	Date Received:	02/07/2022 14:15						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Nitrogen	3.93	mg/L	0.2	0.12	1	03/16/2022 16:20	03/16/2022 16:20	T	
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)									
Total Phosphorus (as P)	3.6	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T	
WET CHEMISTRY (DEP SOP 10/03/83)									
Unionized Ammonia	0.0002	mg/L	0.0000 6	0.0000 2	1	02/22/2022 16:20	02/22/2022 16:20	T	
WET CHEMISTRY (EPA 410.4)									
Chemical Oxygen Demand	70	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T	
WET CHEMISTRY (SM 10200 H)									
Corrected Chlorophyll A	412	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G	
WET CHEMISTRY (SM 2340C)									
Hardness (as CaCO3)	116	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	246	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 2540D)									
Total Suspended Solids	8.8	mg/L	2	2.0	2	02/09/2022 08:30	02/09/2022 08:30	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T	
WET CHEMISTRY (SM 5210B)									
Biochemical Oxygen Demand	7.7	mg/L	2	2.0	1	02/07/2022 18:06	02/07/2022 18:06	T	
WET CHEMISTRY (SM 5310B)									
Total Organic Carbon	19	mg/L	2	1.0	1	02/10/2022 15:12	02/10/2022 15:12	G	

Analysis Results Comments

Corrected Chlorophyll A

Samples T2202715036-41 filtered on 2/8/2022 at 10:15

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	53	105	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	98	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	54	108	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715037	Date Collected: 02/07/2022 10:50					Matrix: Water		
Sample ID: 3B2B	Date Received: 02/07/2022 14:15							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	327.7	umhos/cm			1	02/07/2022 10:50	02/07/2022 10:50	
DO Saturation %	65.2	%			1	02/07/2022 10:50	02/07/2022 10:50	
Dissolved Oxygen	6.27	mg/L			1	02/07/2022 10:50	02/07/2022 10:50	
ORP-2580BW	150.3	mV			1	02/07/2022 10:50	02/07/2022 10:50	
Temperature	17	°C			1	02/07/2022 10:50	02/07/2022 10:50	
Turbidity	2.1	NTU			1	02/07/2022 10:50	02/07/2022 10:50	
pH	6.49	SU			1	02/07/2022 10:50	02/07/2022 10:50	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/11/2022 12:00	02/15/2022 19:27	T
Iron	0.22	mg/L	0.10	0.0067	1	02/11/2022 12:00	02/15/2022 19:27	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/11/2022 12:00	02/15/2022 19:27	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:01	J
Arsenic	0.00030 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:01	J
Barium	0.017	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:01	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:01	J
Chromium	0.00062 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:01	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:01	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:01	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:01	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:01	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:01	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:01	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:01	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:01	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715037
Sample ID: 3B2B

Date Collected: 02/07/2022 10:50
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000031 I	mg/L	0.0001 0	0.0000 11	1	02/17/2022 09:00	02/17/2022 11:43	T
Microbiology (SM 9222D)								
Coliform Fecal	300	#/100 mL	100	100	100	02/07/2022 16:56	02/07/2022 16:56	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 08:43	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 08:43	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 08:43	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 08:43	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:43	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 08:43	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:43	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 08:43	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:43	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 08:43	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:43	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 08:43	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:43	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 08:43	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:43	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 08:43	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 08:43	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 08:43	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 08:43	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 08:43	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:43	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715037
Sample ID: 3B2B

Date Collected: 02/07/2022 10:50
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:43	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 08:43	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:43	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:43	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 08:43	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 08:43	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 08:43	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:43	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 08:43	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 08:43	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 08:43	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 08:43	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 08:43	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 08:43	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 08:43	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 08:43	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 08:43	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:43	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 08:43	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 08:43	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 08:43	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:43	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:43	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 08:43	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 08:43	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 08:43	T

WET CHEMISTRY (Calculation)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715037	Date Collected:	T 02/07/2022 10:50			Matrix:	Water		
Sample ID:	3B2B	Date Received:	02/07/2022 14:15						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Nitrogen	0.765	mg/L	0.2	0.12	1	03/16/2022 16:22	03/16/2022 16:22	T	
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)									
Total Phosphorus (as P)	0.15 U	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T	
WET CHEMISTRY (DEP SOP 10/03/83)									
Unionized Ammonia	0.00001 I	mg/L	0.0000 4	0.0000 1	1	02/22/2022 16:20	02/22/2022 16:20	T	
WET CHEMISTRY (EPA 410.4)									
Chemical Oxygen Demand	20 U	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T	
WET CHEMISTRY (SM 10200 H)									
Corrected Chlorophyll A	2.5 U	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G	
WET CHEMISTRY (SM 2340C)									
Hardness (as CaCO3)	100	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	222	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 2540D)									
Total Suspended Solids	2.0 U	mg/L	2	2.0	2	02/09/2022 08:30	02/09/2022 08:30	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.39	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T	
WET CHEMISTRY (SM 5210B)									
Biochemical Oxygen Demand	2.0 U	mg/L	2	2.0	1	02/07/2022 18:08	02/07/2022 18:08	T	
WET CHEMISTRY (SM 5310B)									
Total Organic Carbon	8	mg/L	2	1.0	1	02/10/2022 15:24	02/10/2022 15:24	G	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

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	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	53	105	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715038	Date Collected:				02/07/2022 10:15		Matrix:	Water
Sample ID:	3C2C	Date Received:				02/07/2022 14:15			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	280.9	umhos/cm			1	02/07/2022 10:15	02/07/2022 10:15		
DO Saturation %	82.3	%			1	02/07/2022 10:15	02/07/2022 10:15		
Dissolved Oxygen	7.86	mg/L			1	02/07/2022 10:15	02/07/2022 10:15		
ORP-2580BW	163.2	mV			1	02/07/2022 10:15	02/07/2022 10:15		
Temperature	16.4	°C			1	02/07/2022 10:15	02/07/2022 10:15		
Turbidity	1.32	NTU			1	02/07/2022 10:15	02/07/2022 10:15		
pH	6.91	SU			1	02/07/2022 10:15	02/07/2022 10:15		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/11/2022 12:00	02/15/2022 19:30	T	
Iron	0.12	mg/L	0.10	0.0067	1	02/11/2022 12:00	02/15/2022 19:30	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/11/2022 12:00	02/15/2022 19:30	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:19	J	
Arsenic	0.00039 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:19	J	
Barium	0.011	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:19	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:19	J	
Chromium	0.00078 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:19	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:19	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:19	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:19	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:19	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:19	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:19	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:19	J	
Vanadium	0.0018 I	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:19	J	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715038	Date Collected: 02/07/2022 10:15					Matrix: Water		
Sample ID: 3C2C	Date Received: 02/07/2022 14:15							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000027 I	mg/L	0.00010	0.000011	1	02/17/2022 09:00	02/17/2022 11:46	T
Microbiology (SM 9222D)								
Coliform Fecal	800	#/100 mL	100	100	100	02/07/2022 16:56	02/07/2022 16:56	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 09:08	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 09:08	T
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 09:08	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:08	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 09:08	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 09:08	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:08	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:08	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:08	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 09:08	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 09:08	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 09:08	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:08	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 09:08	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 09:08	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 09:08	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:08	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 09:08	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 09:08	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715038
Sample ID: 3C2C

Date Collected: 02/07/2022 10:15
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:08	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:08	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 09:08	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:08	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 09:08	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 09:08	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:08	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:08	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:08	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:08	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 09:08	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:08	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:08	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 09:08	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 09:08	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 09:08	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:08	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 09:08	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 09:08	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:08	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 09:08	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 09:08	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 09:08	T

WET CHEMISTRY (Calculation)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715038	Date Collected:	02/07/2022 10:15			Matrix:	Water		
Sample ID:	3C2C	Date Received:	02/07/2022 14:15						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Nitrogen	0.637	mg/L	0.2	0.12	1	04/11/2022 10:12	04/11/2022 10:12	T	
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)									
Total Phosphorus (as P)	0.45	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T	
WET CHEMISTRY (DEP SOP 10/03/83)									
Unionized Ammonia	0.00003 U	mg/L	0.00009	0.00003	1	02/22/2022 16:20	02/22/2022 16:20	T	
WET CHEMISTRY (EPA 410.4)									
Chemical Oxygen Demand	25 I	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T	
WET CHEMISTRY (SM 10200 H)									
Corrected Chlorophyll A	3	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G	
WET CHEMISTRY (SM 2340C)									
Hardness (as CaCO3)	100	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	192	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 2540D)									
Total Suspended Solids	2.0 U	mg/L	2	2.0	2	02/09/2022 08:30	02/09/2022 08:30	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.22	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T	
WET CHEMISTRY (SM 5210B)									
Biochemical Oxygen Demand	2.0 U	mg/L	2	2.0	1	02/07/2022 18:13	02/07/2022 18:13	T	
WET CHEMISTRY (SM 5310B)									
Total Organic Carbon	10	mg/L	2	1.0	1	02/10/2022 15:36	02/10/2022 15:36	G	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	107	70 - 128	T
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	105	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	53	105	70 - 130	T

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Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715039	Date Collected:				02/07/2022 11:15		Matrix:	Water
Sample ID:	3A	Date Received:				02/07/2022 14:15			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
FIELD PARAMETERS (Field Measurements)									
Conductivity	197.7	umhos/cm			1	02/07/2022 11:15	02/07/2022 11:15		
DO Saturation %	7.6	%			1	02/07/2022 11:15	02/07/2022 11:15		
Dissolved Oxygen	0.73	mg/L			1	02/07/2022 11:15	02/07/2022 11:15		
ORP-2580BW	167.4	mV			1	02/07/2022 11:15	02/07/2022 11:15		
Temperature	16.8	°C			1	02/07/2022 11:15	02/07/2022 11:15		
Turbidity	1.28	NTU			1	02/07/2022 11:15	02/07/2022 11:15		
pH	6.06	SU			1	02/07/2022 11:15	02/07/2022 11:15		
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 15:34	T	
Iron	0.040 I	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 15:34	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 15:34	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:24	J	
Arsenic	0.00029 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:24	J	
Barium	0.021	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:24	J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:24	J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:24	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:24	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:24	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:24	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:24	J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:24	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:24	J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:24	J	
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:24	J	

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NELAP Accredited E84589



FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715039
Sample ID: 3A

Date Collected: 02/07/2022 11:15
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 7470A)								
Mercury	0.000022 I	mg/L	0.0001 0	0.0000 11	1	02/17/2022 09:00	02/17/2022 11:49	T
Microbiology (SM 9222D)								
Coliform Fecal	11	#/100 mL	1	1	1	02/07/2022 16:56	02/07/2022 16:56	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 09:34	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 09:34	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 09:34	T
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 09:34	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:34	T
1,1,1,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 09:34	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:34	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 09:34	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:34	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 09:34	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:34	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 09:34	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:34	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 09:34	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:34	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 09:34	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 09:34	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 09:34	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 09:34	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 09:34	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:34	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715039
Sample ID: 3A

Date Collected: 02/07/2022 11:15
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:34	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 09:34	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:34	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:34	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 09:34	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 09:34	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 09:34	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:34	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 09:34	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 09:34	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 09:34	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 09:34	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 09:34	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 09:34	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 09:34	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 09:34	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 09:34	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:34	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 09:34	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 09:34	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 09:34	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:34	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:34	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 09:34	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 09:34	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 09:34	T

WET CHEMISTRY (Calculation)

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715039	Date Collected:	02/07/2022 11:15			Matrix:	Water		
Sample ID:	3A	Date Received:	02/07/2022 14:15						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Total Nitrogen	0.480	mg/L	0.2	0.12	1	04/11/2022 10:13	04/11/2022 10:13	T	
WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)									
Total Phosphorus (as P)	0.15 U	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T	
WET CHEMISTRY (DEP SOP 10/03/83)									
Unionized Ammonia	0.000008 I	mg/L	0.0000 1	0.0000 04	1	02/22/2022 16:20	02/22/2022 16:20	T	
WET CHEMISTRY (EPA 410.4)									
Chemical Oxygen Demand	20 U	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T	
WET CHEMISTRY (SM 10200 H)									
Corrected Chlorophyll A	2.5 U	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G	
WET CHEMISTRY (SM 2340C)									
Hardness (as CaCO3)	80	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	110	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T	
WET CHEMISTRY (SM 2540D)									
Total Suspended Solids	9.2	mg/L	2	2.0	2	02/09/2022 08:30	02/09/2022 08:30	T	
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T	
WET CHEMISTRY (SM 5210B)									
Biochemical Oxygen Demand	3.6	mg/L	2	2.0	1	02/07/2022 18:15	02/07/2022 18:15	T	
WET CHEMISTRY (SM 5310B)									
Total Organic Carbon	6	mg/L	2	1.0	1	02/10/2022 15:47	02/10/2022 15:47	G	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

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	49	99	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 130	T
Toluene-d8 (S)	ug/L	50	49	99	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	103	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715040		Date Collected:			02/07/2022 00:00			Matrix:	Water	
Sample ID:	Duplicate		Date Received:			02/07/2022 14:15					
Parameter	Results	Units	PQL	MDL	DF	Prepared		Analyzed		Lab	
METALS (SW-846 3010A/SW-846 6010)											
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00		02/15/2022 15:43		T	
Iron	0.17	mg/L	0.10	0.0067	1	02/14/2022 12:00		02/15/2022 15:43		T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00		02/15/2022 15:43		T	
METALS (SW-846 3010A/SW-846 6020)											
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50		02/14/2022 11:29		J	
Arsenic	0.00043 I	mg/L	0.0010	0.00025	1	02/11/2022 08:50		02/14/2022 11:29		J	
Barium	0.0017 I	mg/L	0.0020	0.00050	1	02/11/2022 08:50		02/14/2022 11:29		J	
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50		02/14/2022 11:29		J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50		02/14/2022 11:29		J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50		02/14/2022 11:29		J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50		02/14/2022 11:29		J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50		02/14/2022 11:29		J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50		02/14/2022 11:29		J	
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50		02/14/2022 11:29		J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50		02/14/2022 11:29		J	
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50		02/14/2022 11:29		J	
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50		02/14/2022 11:29		J	
METALS (SW-846 7470A)											
Mercury	0.000020 I	mg/L	0.00010	0.000011	1	02/17/2022 09:00		02/17/2022 11:52		T	
Microbiology (SM 9222D)											
Coliform Fecal	58	#/100 mL	1	1	1	02/07/2022 16:56		02/07/2022 16:56		T	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))											
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01		02/11/2022 10:00		T	
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01		02/11/2022 10:00		T	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01		02/11/2022 10:00		T	





FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715040
Sample ID: Duplicate

Date Collected: 02/07/2022 00:00
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 10:00	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:00	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 10:00	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:00	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:00	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:00	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:00	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:00	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 10:00	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:00	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:00	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:00	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:00	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 10:00	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 10:00	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 10:00	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:00	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:00	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:00	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:00	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:00	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:00	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:00	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:00	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:00	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:00	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715040
Sample ID: Duplicate

Date Collected: 02/07/2022 00:00
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:00	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:00	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:00	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 10:00	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:00	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 10:00	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 10:00	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 10:00	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:00	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:00	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:00	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:00	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 10:00	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:00	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:00	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:00	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:00	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 10:00	T

WET CHEMISTRY (Calculation)

Total Nitrogen	1.12	mg/L	0.2	0.12	1	04/06/2022 15:15	04/06/2022 15:15	T
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WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)

Total Phosphorus (as P)	3.0	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T
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WET CHEMISTRY (DEP SOP 10/03/83)

Unionized Ammonia	0.0002 I	mg/L	0.02	0.0000 9	1	02/22/2022 16:20	02/22/2022 16:20	T
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WET CHEMISTRY (EPA 410.4)

Chemical Oxygen Demand	58	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T
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WET CHEMISTRY (SM 10200 H)

Corrected Chlorophyll A	27	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715040	Date Collected:	02/07/2022 00:00			Matrix:	Water	
Sample ID:	Duplicate	Date Received:	02/07/2022 14:15					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	108	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	280	mg/L	10	10	1	02/07/2022 16:00	02/07/2022 16:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	2.2	mg/L	1	1.0	1	02/09/2022 08:30	02/09/2022 08:30	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.13	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	4.4	mg/L	2	2.0	1	02/07/2022 18:20	02/07/2022 18:20	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	19	mg/L	2	1.0	1	02/10/2022 15:59	02/10/2022 15:59	G

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	48	97	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	107	70 - 130	T
Toluene-d8 (S)	ug/L	50	48	97	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	53	105	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715041
Sample ID: EQ BLANK

Date Collected: 02/07/2022 09:20
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/14/2022 12:00	02/15/2022 15:51	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/14/2022 12:00	02/15/2022 15:51	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/14/2022 12:00	02/15/2022 15:51	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:45	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:45	J
Barium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:45	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:45	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:45	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:45	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:45	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:45	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:45	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/11/2022 08:50	02/14/2022 11:45	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/11/2022 08:50	02/14/2022 11:45	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/11/2022 08:50	02/14/2022 11:45	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/11/2022 08:50	02/14/2022 11:45	J
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	02/26/2022 08:30	02/21/2022 13:29	T
Microbiology (SM 9222D)								
Coliform Fecal	1 U	#/100 mL	1	1	1	02/07/2022 16:56	02/07/2022 16:56	T
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2,3-Trichloropropane	0.015 U	ug/L	0.020	0.015	1	02/11/2022 04:01	02/11/2022 10:25	T
1,2-Dibromo-3-Chloropropane	0.023 U	ug/L	0.030	0.023	1	02/11/2022 04:01	02/11/2022 10:25	T
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	1	02/11/2022 04:01	02/11/2022 10:25	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715041
Sample ID: EQ BLANK

Date Collected: 02/07/2022 09:20
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	1	02/11/2022 04:01	02/11/2022 10:25	T
1,1,1-Trichloroethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:25	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/11/2022 04:01	02/11/2022 10:25	T
1,1,2-Trichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:25	T
1,1-Dichloroethane	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:25	T
1,1-Dichloroethylene	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:25	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:25	T
1,2-Dichloroethane	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:25	T
1,2-Dichloropropane	0.18 U	ug/L	1.0	0.18	1	02/11/2022 04:01	02/11/2022 10:25	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:25	T
2-Butanone (MEK)	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:25	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:25	T
4-Methyl-2-pentanone (MIBK)	0.40 U	ug/L	1.0	0.40	1	02/11/2022 04:01	02/11/2022 10:25	T
Acetone	0.90 U	ug/L	2.0	0.90	1	02/11/2022 04:01	02/11/2022 10:25	T
Acrylonitrile	0.38 U	ug/L	5.0	0.38	1	02/11/2022 04:01	02/11/2022 10:25	T
Benzene	0.28 U	ug/L	1.0	0.28	1	02/11/2022 04:01	02/11/2022 10:25	T
Bromochloromethane	0.33 U	ug/L	1.0	0.33	1	02/11/2022 04:01	02/11/2022 10:25	T
Bromodichloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:25	T
Bromoform	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:25	T
Bromomethane	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:25	T
Carbon Disulfide	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:25	T
Carbon Tetrachloride	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:25	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	1	02/11/2022 04:01	02/11/2022 10:25	T
Chloroethane	0.42 U	ug/L	1.0	0.42	1	02/11/2022 04:01	02/11/2022 10:25	T
Chloroform	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:25	T
Chloromethane	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:25	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID: T2202715041
Sample ID: EQ BLANK

Date Collected: 02/07/2022 09:20
Date Received: 02/07/2022 14:15

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	1	02/11/2022 04:01	02/11/2022 10:25	T
Dibromomethane	0.41 U	ug/L	1.0	0.41	1	02/11/2022 04:01	02/11/2022 10:25	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:25	T
Iodomethane (Methyl Iodide)	0.83 U	ug/L	1.0	0.83	1	02/11/2022 04:01	02/11/2022 10:25	T
Methylene Chloride	0.56 U	ug/L	1.0	0.56	1	02/11/2022 04:01	02/11/2022 10:25	T
Styrene	0.29 U	ug/L	1.0	0.29	1	02/11/2022 04:01	02/11/2022 10:25	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	1	02/11/2022 04:01	02/11/2022 10:25	T
Toluene	0.66 U	ug/L	1.0	0.66	1	02/11/2022 04:01	02/11/2022 10:25	T
Trichloroethene	0.32 U	ug/L	1.0	0.32	1	02/11/2022 04:01	02/11/2022 10:25	T
Trichlorofluoromethane	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:25	T
Vinyl Acetate	0.37 U	ug/L	1.0	0.37	1	02/11/2022 04:01	02/11/2022 10:25	T
Vinyl Chloride	0.44 U	ug/L	1.0	0.44	1	02/11/2022 04:01	02/11/2022 10:25	T
Xylene (Total)	1.3 U	ug/L	2.0	1.3	1	02/11/2022 04:01	02/11/2022 10:25	T
cis-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:25	T
cis-1,3-Dichloropropene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:25	T
trans-1,2-Dichloroethylene	0.39 U	ug/L	1.0	0.39	1	02/11/2022 04:01	02/11/2022 10:25	T
trans-1,3-Dichloropropylene	0.26 U	ug/L	1.0	0.26	1	02/11/2022 04:01	02/11/2022 10:25	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	1	02/11/2022 04:01	02/11/2022 10:25	T

WET CHEMISTRY (Calculation)

Total Nitrogen	0.12 U	mg/L	0.2	0.12	1	04/06/2022 15:16	04/06/2022 15:16	T
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WET CHEMISTRY (Copper Sulfate Digestion/EPA 365.4)

Total Phosphorus (as P)	0.15 U	mg/L	0.2	0.15	1	02/12/2022 16:40	02/15/2022 15:56	T
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WET CHEMISTRY (DEP SOP 10/03/83)

Unionized Ammonia	0.00009 U	mg/L	0.02	0.00009	1	02/22/2022 16:20	02/22/2022 16:20	T
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WET CHEMISTRY (EPA 410.4)

Chemical Oxygen Demand	20 U	mg/L	50	20	1	02/08/2022 14:10	02/08/2022 14:10	T
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WET CHEMISTRY (SM 10200 H)

Corrected Chlorophyll A	2.5 U	mg/m3	3	2.5	1	02/09/2022 12:30	02/09/2022 12:30	G
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FINAL

Workorder: SELF Semi-Annual (T2202715)

Analytical Results

Lab ID:	T2202715041	Date Collected:	02/07/2022 09:20			Matrix:	Water	
Sample ID:	EQ BLANK	Date Received:	02/07/2022 14:15					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (SM 2340C)								
Hardness (as CaCO3)	4.0 U	mg/L	4	4.0		02/23/2022 09:50	02/23/2022 09:50	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10 U	mg/L	10	10	1	02/10/2022 12:00	02/10/2022 12:00	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	2.0 U	mg/L	2	2.0	2	02/09/2022 08:30	02/09/2022 08:30	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.10	0.092	1	02/08/2022 14:18	02/08/2022 14:18	T
WET CHEMISTRY (SM 5210B)								
Biochemical Oxygen Demand	2.0 U	mg/L	2	2.0	1	02/07/2022 18:22	02/07/2022 18:22	T
WET CHEMISTRY (SM 5310B)								
Total Organic Carbon	1.0 U	mg/L	2	1.0	1	02/10/2022 16:12	02/10/2022 16:12	G

Analysis Results Comments

Mercury

J4|Estimated Result

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	48	96	77 - 119	T
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	T
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 130	T
Toluene-d8 (S)	ug/L	50	48	96	70 - 130	T
Bromofluorobenzene (S)	ug/L	50	52	104	70 - 130	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVA1/1511
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040

Analysis Method: SW-846 7470A

Method Blank(4210360)

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

Lab Control Sample (4210361)

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

Matrix Spike (4210362); Matrix Spike Duplicate (4210363); Parent Lab Sample (T2202434001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	84	80 - 120	0	86	2	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVAI/1516 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011

Method Blank(4214721)

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

Lab Control Sample (4214722)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	85	80 - 120	T

Matrix Spike (4214723); Matrix Spike Duplicate (4214724); Parent Lab Sample (T2202715002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	79	80 - 120	0	81	2	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVAI/1519 Analysis Method: SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4216983)

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

Lab Control Sample (4216984)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	108	80 - 120	T

Matrix Spike (4216985); Matrix Spike Duplicate (4216986); Parent Lab Sample (T2202529001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	32	80 - 120	0	31	5	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVAI/1520 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026

Method Blank(4217000)

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

Lab Control Sample (4217001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	103	80 - 120	T

Matrix Spike (4217002); Matrix Spike Duplicate (4217003); Parent Lab Sample (T2202715013)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	48	80 - 120	0	48	2	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVAI/1531
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715015

Analysis Method: SW-846 7470A

Method Blank(4223551)

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

Lab Control Sample (4223552)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	119	80 - 120	T

Matrix Spike (4223553); Matrix Spike Duplicate (4223554); Parent Lab Sample (G2201371001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	58	80 - 120	0	57	3	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: CVAI/1559
Preparation Method: SW-846 7470A
Associated Lab IDs: T2202715041

Analysis Method: SW-846 7470A

Method Blank(4254263)

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

Lab Control Sample (4254264)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	106	80 - 120	T

Matrix Spike (4254265); Matrix Spike Duplicate (4254266); Parent Lab Sample (T2202715041)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	2	80 - 120	0	105	194	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICM/1762 Analysis Method: SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4202490)

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

Lab Control Sample (4202491)

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	99	80 - 120	J
Cobalt	mg/L	0.02	.02	104	80 - 120	J
Nickel	mg/L	0.02	.02	100	80 - 120	J
Copper	mg/L	0.02	.02	103	80 - 120	J
Arsenic	mg/L	0.02	.02	104	80 - 120	J
Selenium	mg/L	0.02	.02	111	80 - 120	J
Silver	mg/L	0.02	.02	102	80 - 120	J
Cadmium	mg/L	0.02	.02	102	80 - 120	J
Antimony	mg/L	0.02	.02	103	80 - 120	J
Barium	mg/L	0.02	.02	101	80 - 120	J
Thallium	mg/L	0.02	.02	100	80 - 120	J
Lead	mg/L	0.02	.02	101	80 - 120	J

Matrix Spike (4203149); Matrix Spike Duplicate (4203150); Parent Lab Sample (T2202605003)





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: ICM/1762 Analysis Method: SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	104	75 - 125	.02	105	1	20	J
Chromium	mg/L	0.02	.02	98	75 - 125	.02	98	0	20	J
Cobalt	mg/L	0.02	.02	101	75 - 125	.02	101	1	20	J
Nickel	mg/L	0.02	.02	99	75 - 125	.02	98	1	20	J
Copper	mg/L	0.02	.02	100	75 - 125	.02	98	2	20	J
Arsenic	mg/L	0.02	.02	101	75 - 125	.02	101	1	20	J
Selenium	mg/L	0.02	.02	98	75 - 125	.02	107	9	20	J
Silver	mg/L	0.02	.02	98	75 - 125	.02	98	0	20	J
Cadmium	mg/L	0.02	.02	98	75 - 125	.02	100	1	20	J
Antimony	mg/L	0.02	.02	102	75 - 125	.02	105	3	20	J
Barium	mg/L	0.02	.04	91	75 - 125	.04	99	4	20	J
Thallium	mg/L	0.02	.02	101	75 - 125	.02	102	1	20	J
Lead	mg/L	0.02	.02	100	75 - 125	.02	102	2	20	J

Matrix Spike (4213605); Matrix Spike Duplicate (4213606); Parent Lab Sample (T2202715037)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	104	75 - 125	.02	105	1	20	J
Chromium	mg/L	0.02	.02	98	75 - 125	.02	98	0	20	J
Cobalt	mg/L	0.02	.02	101	75 - 125	.02	101	1	20	J
Nickel	mg/L	0.02	.02	99	75 - 125	.02	98	1	20	J
Copper	mg/L	0.02	.02	100	75 - 125	.02	98	2	20	J
Arsenic	mg/L	0.02	.02	101	75 - 125	.02	101	1	20	J
Selenium	mg/L	0.02	.02	98	75 - 125	.02	107	9	20	J
Silver	mg/L	0.02	.02	98	75 - 125	.02	98	0	20	J
Cadmium	mg/L	0.02	.02	98	75 - 125	.02	100	1	20	J
Antimony	mg/L	0.02	.02	102	75 - 125	.02	105	3	20	J
Barium	mg/L	0.02	.04	91	75 - 125	.04	99	4	20	J
Thallium	mg/L	0.02	.02	101	75 - 125	.02	102	1	20	J
Lead	mg/L	0.02	.02	100	75 - 125	.02	102	2	20	J

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICM/1768
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715029, T2202715030

Analysis Method: SW-846 6020

Method Blank(4205201)

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

Lab Control Sample (4205202)

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	101	80 - 120	J
Cobalt	mg/L	0.02	.02	103	80 - 120	J
Nickel	mg/L	0.02	.02	98	80 - 120	J
Copper	mg/L	0.02	.02	101	80 - 120	J
Arsenic	mg/L	0.02	.02	102	80 - 120	J
Selenium	mg/L	0.02	.02	94	80 - 120	J
Silver	mg/L	0.02	.02	101	80 - 120	J
Cadmium	mg/L	0.02	.02	101	80 - 120	J
Antimony	mg/L	0.02	.02	99	80 - 120	J
Barium	mg/L	0.02	.02	104	80 - 120	J
Thallium	mg/L	0.02	.02	101	80 - 120	J
Lead	mg/L	0.02	.02	103	80 - 120	J

Matrix Spike (4205203); Matrix Spike Duplicate (4205204); Parent Lab Sample (T2202974001)





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Workorder: SELF Semi-Annual (T2202715)

QC Batch: ICM/1768
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715029, T2202715030

Analysis Method: SW-846 6020

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	98	75 - 125	.02	92	6	20	J
Chromium	mg/L	0.02	.02	92	75 - 125	.02	87	5	20	J
Cobalt	mg/L	0.02	.02	87	75 - 125	.02	82	6	20	J
Nickel	mg/L	0.02	.02	79	75 - 125	.02	74	6	20	J
Copper	mg/L	0.02	.02	81	75 - 125	.02	76	7	20	J
Arsenic	mg/L	0.02	.02	92	75 - 125	.02	88	5	20	J
Selenium	mg/L	0.02	.02	95	75 - 125	.02	102	8	20	J
Silver	mg/L	0.02	.02	80	75 - 125	.02	76	5	20	J
Cadmium	mg/L	0.02	.02	85	75 - 125	.02	80	6	20	J
Antimony	mg/L	0.02	.02	102	75 - 125	.02	99	3	20	J
Barium	mg/L	0.02	.12	89	75 - 125	.11	83	1	20	J
Thallium	mg/L	0.02	.02	104	75 - 125	.02	99	5	20	J
Lead	mg/L	0.02	.02	104	75 - 125	.02	100	4	20	J

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICM/1769 Analysis Method: SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026, T2202715028, T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4205930)

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

Lab Control Sample (4205931)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Vanadium	mg/L	0.02	.02	99	80 - 120	J
Chromium	mg/L	0.02	.02	97	80 - 120	J
Cobalt	mg/L	0.02	.02	97	80 - 120	J
Nickel	mg/L	0.02	.02	92	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	109	80 - 120	J
Silver	mg/L	0.02	.02	95	80 - 120	J
Cadmium	mg/L	0.02	.02	97	80 - 120	J
Antimony	mg/L	0.02	.02	94	80 - 120	J
Barium	mg/L	0.02	.02	104	80 - 120	J
Thallium	mg/L	0.02	.02	99	80 - 120	J
Lead	mg/L	0.02	.02	99	80 - 120	J

Matrix Spike (4205970); Matrix Spike Duplicate (4205971); Parent Lab Sample (T2202715031)





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: ICM/1769 Analysis Method: SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026, T2202715028, T2202715031, T2202715032, T2202715033, T2202715034

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	98	75 - 125	.02	99	1	20	J
Chromium	mg/L	0.02	.02	97	75 - 125	.02	99	3	20	J
Cobalt	mg/L	0.02	.02	97	75 - 125	.02	97	1	20	J
Nickel	mg/L	0.02	.02	92	75 - 125	.02	93	1	20	J
Copper	mg/L	0.02	.02	95	75 - 125	.02	98	3	20	J
Arsenic	mg/L	0.02	.02	98	75 - 125	.02	98	1	20	J
Selenium	mg/L	0.02	.02	107	75 - 125	.02	109	2	20	J
Silver	mg/L	0.02	.02	92	75 - 125	.02	93	1	20	J
Cadmium	mg/L	0.02	.02	95	75 - 125	.02	95	0	20	J
Antimony	mg/L	0.02	.02	105	75 - 125	.02	103	2	20	J
Barium	mg/L	0.02	.03	104	75 - 125	.03	104	0	20	J
Thallium	mg/L	0.02	.02	100	75 - 125	.02	100	0	20	J
Lead	mg/L	0.02	.02	100	75 - 125	.02	104	4	20	J

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2360
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715036, T2202715037, T2202715038

Analysis Method: SW-846 6010

Method Blank(4203900)

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

Lab Control Sample (4203901)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1	101	80 - 120	T
Iron	mg/L	1	1.1	105	80 - 120	T
Zinc	mg/L	1	1	103	80 - 120	T

Matrix Spike (4203902); Matrix Spike Duplicate (4203903); Parent Lab Sample (T2202468001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1	103	75 - 125	1	104	0	20	T
Iron	mg/L	1	2.4	117	75 - 125	2.4	117	0	20	T
Zinc	mg/L	1	1	104	75 - 125	1	104	0	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2364 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715002, T2202715008, T2202715009, T2202715010, T2202715011, T2202715039, T2202715040, T2202715041

Method Blank(4205392)

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

Lab Control Sample (4205393)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1	101	80 - 120	T
Iron	mg/L	1	1.1	107	80 - 120	T
Sodium	mg/L	10	10	105	80 - 120	T
Zinc	mg/L	1	1	104	80 - 120	T

Matrix Spike (4205394); Matrix Spike Duplicate (4205395); Parent Lab Sample (T2202715039)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	.98	98	75 - 125	.96	96	2	20	T
Iron	mg/L	1	1.1	103	75 - 125	1.1	102	1	20	T
Sodium	mg/L	10	17	99	75 - 125	16	96	2	20	T
Zinc	mg/L	1	1	100	75 - 125	.98	98	3	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2375 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715003, T2202715004, T2202715005, T2202715006, T2202715007

Method Blank(4209645)

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

Lab Control Sample (4209646)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	1.1	107	80 - 120	T
Iron	mg/L	1	1	104	80 - 120	T
Sodium	mg/L	10	10	105	80 - 120	T
Zinc	mg/L	1	1	104	80 - 120	T

Matrix Spike (4209647); Matrix Spike Duplicate (4209648); Parent Lab Sample (T2202994001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	1.1	110	75 - 125	1.1	111	1	20	T
Iron	mg/L	1	1.9	114	75 - 125	1.8	107	4	20	T
Sodium	mg/L	10	15	114	75 - 125	15	108	4	20	T
Zinc	mg/L	1	1.2	107	75 - 125	1.2	103	4	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2376 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4209708)

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

Lab Control Sample (4209709)

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	100	80 - 120	T
Sodium	mg/L	10	10	102	80 - 120	T
Zinc	mg/L	1	.99	99	80 - 120	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2377 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021

Method Blank(4209730)

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

Lab Control Sample (4209731)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	.98	98	80 - 120	T
Iron	mg/L	1	1.1	107	80 - 120	T
Sodium	mg/L	10	10	100	80 - 120	T
Zinc	mg/L	1	1	103	80 - 120	T

Matrix Spike (4209732); Matrix Spike Duplicate (4209733); Parent Lab Sample (T2203043003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	.96	96	75 - 125	.97	97	0	20	T
Iron	mg/L	1	1.1	103	75 - 125	1.1	102	1	20	T
Sodium	mg/L	10	22	97	75 - 125	22	96	0	20	T
Zinc	mg/L	1	1	100	75 - 125	.99	99	0	20	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: ICP1/2382 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: T2202715023, T2202715024, T2202715025, T2202715026

Method Blank(4211882)

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

Lab Control Sample (4211883)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	.9	90	80 - 120	T
Iron	mg/L	1	.88	88	80 - 120	T
Sodium	mg/L	10	9.7	97	80 - 120	T
Zinc	mg/L	1	.86	86	80 - 120	T

Matrix Spike (4211884); Matrix Spike Duplicate (4211885); Parent Lab Sample (G2201313002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	.97	97	75 - 125	.97	97	0	20	T
Iron	mg/L	1	.93	93	75 - 125	.94	94	1	20	T
Sodium	mg/L	10	16	92	75 - 125	16	93	1	20	T
Zinc	mg/L	1	.9	90	75 - 125	.91	91	1	20	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MIC/3364 Analysis Method: SM 9222D
Preparation Method: SM 9222D
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Pre-Blank(4214647)

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

Sample Duplicate (4214649)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Coliform Fecal	64	100	#/100 mL	44		T

Post-Blank(4214655)

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

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3581 Analysis Method: SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4203419)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023 U	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	41	81	70 - 130	
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	
Toluene-d8 (S)	ug/L	50	41	82	70 - 130	

Lab Control Sample (4203420); Lab Control Sample Duplicate (4203421)

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	.68	85	70 - 130	.75	94	10	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.65	81	70 - 130	.72	90	11	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	39	77	70 - 130	40	79	3		
Bromofluorobenzene (S)	ug/L	50	44	89	70 - 130	43	86	3		
Toluene-d8 (S)	ug/L	50	40	81	70 - 130	41	82	1		

Matrix Spike (4203422); Parent Lab Sample (T2202605001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.7	88	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.71	89	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	40	81	70 - 130	
Bromofluorobenzene (S)	ug/L	50	43	86	70 - 130	
Toluene-d8 (S)	ug/L	50	40	80	70 - 130	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3583 **Analysis Method:** SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4203425)

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

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3583 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Parameter	Results	Units	PQL	MDL	Lab
Toluene	0.66 U	ug/L	1.0	0.66	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	T
Xylene (Total)	1.3 U	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	52	104	70 - 128	
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	

Lab Control Sample (4203426); Lab Control Sample Duplicate (4203427)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	22	112		25	123	10		T
Vinyl Chloride	ug/L	20	24	120	70 - 130	24	121	1	20	T
Bromomethane	ug/L	20	44	220		48	241	9		T
Chloroethane	ug/L	20	21	106		24	118	11		T
Trichlorofluoromethane	ug/L	20	20	98		22	108	9		T
Acetone	ug/L	20	16	78		17	83	6		T
1,1-Dichloroethylene	ug/L	20	22	109	70 - 130	24	119	8	20	T
Iodomethane (Methyl Iodide)	ug/L	20	57	287		65	325	12		T
Acrylonitrile	ug/L	20	19	93		19	97	4		T
Methylene Chloride	ug/L	20	23	114		25	123	8		T
Carbon Disulfide	ug/L	20	23	114		25	124	9		T





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3583 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
trans-1,2-Dichloroethylene	ug/L	20	22	108		24	119	9		T
1,1-Dichloroethane	ug/L	20	22	109		24	118	8		T
Vinyl Acetate	ug/L	20	8.9	44		9.1	45	2		T
2-Butanone (MEK)	ug/L	20	17	84		18	90	7		T
cis-1,2-Dichloroethylene	ug/L	20	21	106	70 - 130	23	116	9	20	T
Bromochloromethane	ug/L	20	23	114		25	124	9		T
Chloroform	ug/L	20	21	105	70 - 130	22	111	5	20	T
1,2-Dichloroethane	ug/L	20	21	107		23	114	6		T
1,1,1-Trichloroethane	ug/L	20	20	100		21	107	7		T
Carbon Tetrachloride	ug/L	20	20	100		22	109	9		T
Benzene	ug/L	20	21	107	70 - 130	23	115	7	20	T
Dibromomethane	ug/L	20	20	100		22	110	10		T
1,2-Dichloropropane	ug/L	20	22	112		24	120	7		T
Trichloroethene	ug/L	20	22	109	70 - 130	24	120	10	20	T
Bromodichloromethane	ug/L	20	21	103		23	113	9		T
cis-1,3-Dichloropropene	ug/L	20	21	103		23	113	9		T
4-Methyl-2-pentanone (MIB)	ug/L	20	17	84		18	91	8		T
trans-1,3-Dichloropropylene	ug/L	20	21	105		22	112	7		T
1,1,2-Trichloroethane	ug/L	20	19	96		21	105	10		T
Toluene	ug/L	20	20	98	70 - 130	21	105	7	20	T
2-Hexanone	ug/L	20	16	78		17	84	8		T
Dibromochloromethane	ug/L	20	18	90		19	95	5		T
Tetrachloroethylene (PCE)	ug/L	20	19	97	70 - 130	20	98	0	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	18	89		19	97	9		T
Chlorobenzene	ug/L	20	19	93	70 - 130	20	101	8	20	T
Ethylbenzene	ug/L	20	19	97	70 - 130	21	104	7	20	T
Bromoform	ug/L	20	17	85		18	89	4		T
Styrene	ug/L	20	20	99		21	105	6		T
1,1,2,2-Tetrachloroethane	ug/L	20	16	78		17	85	9		T
1,4-Dichlorobenzene	ug/L	20	16	81		18	90	11		T
1,2-Dichlorobenzene	ug/L	20	17	83	70 - 130	18	92	11	20	T
Xylene (Total)	ug/L	60	59	99	70 - 130	64	106	7	20	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3583 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

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	101	70 - 128	51	101	0		
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	52	104	2		
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	49	98	1		

Matrix Spike (4203428); Parent Lab Sample (T2202605001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	24	121		T
Vinyl Chloride	ug/L	20	24	121	70 - 130	T
Bromomethane	ug/L	20	49	247		T
Chloroethane	ug/L	20	23	115		T
Trichlorofluoromethane	ug/L	20	22	108		T
Acetone	ug/L	20	17	86		T
1,1-Dichloroethylene	ug/L	20	24	119	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	64	322		T
Acrylonitrile	ug/L	20	21	103		T
Methylene Chloride	ug/L	20	24	122		T
Carbon Disulfide	ug/L	20	25	124		T
trans-1,2-Dichloroethylene	ug/L	20	23	117		T
1,1-Dichloroethane	ug/L	20	24	118		T
Vinyl Acetate	ug/L	20	8.8	44		T
2-Butanone (MEK)	ug/L	20	18	92		T
cis-1,2-Dichloroethylene	ug/L	20	23	115	70 - 130	T
Bromochloromethane	ug/L	20	25	124		T
Chloroform	ug/L	20	23	114	70 - 130	T
1,2-Dichloroethane	ug/L	20	23	114		T
1,1,1-Trichloroethane	ug/L	20	21	106		T
Carbon Tetrachloride	ug/L	20	22	110		T
Benzene	ug/L	20	23	117	70 - 130	T
Dibromomethane	ug/L	20	22	111		T
1,2-Dichloropropane	ug/L	20	24	121		T
Trichloroethene	ug/L	20	24	119	70 - 130	T
Bromodichloromethane	ug/L	20	23	113		T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3583 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715001, T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011, T2202715035, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
cis-1,3-Dichloropropene	ug/L	20	23	114		T
4-Methyl-2-pentanone (MIBK)	ug/L	20	19	93		T
trans-1,3-Dichloropropylene	ug/L	20	23	114		T
1,1,2-Trichloroethane	ug/L	20	21	105		T
Toluene	ug/L	20	21	104	70 - 130	T
2-Hexanone	ug/L	20	17	86		T
Dibromochloromethane	ug/L	20	19	94		T
Tetrachloroethylene (PCE)	ug/L	20	19	97	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	19	95		T
Chlorobenzene	ug/L	20	20	99	70 - 130	T
Ethylbenzene	ug/L	20	20	102	70 - 130	T
Bromoform	ug/L	20	18	90		T
Styrene	ug/L	20	21	106		T
1,1,2,2-Tetrachloroethane	ug/L	20	17	84		T
1,4-Dichlorobenzene	ug/L	20	17	86		T
1,2-Dichlorobenzene	ug/L	20	17	86	70 - 130	T
Xylene (Total)	ug/L	60	63	105	70 - 130	T

Surrogates

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

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3608 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

Method Blank(4208753)

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





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3608 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

Parameter	Results	Units	PQL	MDL	Lab
Toluene	0.66 U	ug/L	1.0	0.66	T
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	T
Xylene (Total)	1.3 U	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	53	107	86 - 123	
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	

Lab Control Sample (4208754); Lab Control Sample Duplicate (4208755)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	18	88		22	112	24		T
Vinyl Chloride	ug/L	20	19	96	70 - 130	22	110	14	20	T
Bromomethane	ug/L	20	33	165		44	221	29		T
Chloroethane	ug/L	20	18	88		22	112	24		T
Trichlorofluoromethane	ug/L	20	16	81		21	105	25		T
Acetone	ug/L	20	15	77		16	80	5		T
1,1-Dichloroethylene	ug/L	20	21	104	70 - 130	23	116	11	20	T
Iodomethane (Methyl Iodide)	ug/L	20	35	173		48	242	33		T
Acrylonitrile	ug/L	20	19	96		21	105	8		T
Methylene Chloride	ug/L	20	22	110		24	122	11		T
Carbon Disulfide	ug/L	20	22	110		25	124	11		T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3608 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
trans-1,2-Dichloroethylene	ug/L	20	21	103		24	118	13		T
1,1-Dichloroethane	ug/L	20	21	105		24	119	13		T
Vinyl Acetate	ug/L	20	19	97		21	106	9		T
2-Butanone (MEK)	ug/L	20	17	85		19	94	10		T
cis-1,2-Dichloroethylene	ug/L	20	21	107	70 - 130	24	118	10	20	T
Bromochloromethane	ug/L	20	23	114		25	127	11		T
Chloroform	ug/L	20	20	102	70 - 130	23	115	12	20	T
1,2-Dichloroethane	ug/L	20	21	103		23	115	11		T
1,1,1-Trichloroethane	ug/L	20	19	95		21	104	9		T
Carbon Tetrachloride	ug/L	20	19	94		21	107	13		T
Benzene	ug/L	20	21	104	70 - 130	23	117	12	20	T
Dibromomethane	ug/L	20	20	100		23	115	14		T
1,2-Dichloropropane	ug/L	20	22	110		24	122	10		T
Trichloroethene	ug/L	20	20	102	70 - 130	22	112	10	20	T
Bromodichloromethane	ug/L	20	21	104		23	117	12		T
cis-1,3-Dichloropropene	ug/L	20	21	106		24	119	12		T
4-Methyl-2-pentanone (MIB)	ug/L	20	18	90		19	94	4		T
trans-1,3-Dichloropropylene	ug/L	20	21	107		24	119	10		T
1,1,2-Trichloroethane	ug/L	20	20	98		22	109	11		T
Toluene	ug/L	20	22	110	70 - 130	24	119	8	20	T
2-Hexanone	ug/L	20	19	97		19	97	0		T
Dibromochloromethane	ug/L	20	20	101		22	111	10		T
Tetrachloroethylene (PCE)	ug/L	20	21	105	70 - 130	22	110	5	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	20	101		22	111	9		T
Chlorobenzene	ug/L	20	21	105	70 - 130	23	113	8	20	T
Ethylbenzene	ug/L	20	22	111	70 - 130	23	116	5	20	T
Bromoform	ug/L	20	20	102		21	105	3		T
Styrene	ug/L	20	22	112		24	118	5		T
1,1,2,2-Tetrachloroethane	ug/L	20	21	104		22	108	4		T
1,4-Dichlorobenzene	ug/L	20	20	98		20	99	1		T
1,2-Dichlorobenzene	ug/L	20	19	97	70 - 130	20	100	3	20	T
Xylene (Total)	ug/L	60	67	111	70 - 130	71	119	7	20	T





FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3608 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

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	42	84	70 - 128	44	88	5		
Bromofluorobenzene (S)	ug/L	50	49	99	86 - 123	50	101	2		
Toluene-d8 (S)	ug/L	50	44	88	77 - 119	47	94	7		

Matrix Spike (4208756); Parent Lab Sample (T2202715012)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	20	102		T
Vinyl Chloride	ug/L	20	22	112	70 - 130	T
Bromomethane	ug/L	20	42	208		T
Chloroethane	ug/L	20	21	103		T
Trichlorofluoromethane	ug/L	20	19	96		T
Acetone	ug/L	20	14	70		T
1,1-Dichloroethylene	ug/L	20	21	107	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	48	240		T
Acrylonitrile	ug/L	20	19	93		T
Methylene Chloride	ug/L	20	22	112		T
Carbon Disulfide	ug/L	20	23	115		T
trans-1,2-Dichloroethylene	ug/L	20	22	108		T
1,1-Dichloroethane	ug/L	20	22	110		T
Vinyl Acetate	ug/L	20	19	95		T
2-Butanone (MEK)	ug/L	20	16	82		T
cis-1,2-Dichloroethylene	ug/L	20	22	110	70 - 130	T
Bromochloromethane	ug/L	20	23	117		T
Chloroform	ug/L	20	21	105	70 - 130	T
1,2-Dichloroethane	ug/L	20	21	105		T
1,1,1-Trichloroethane	ug/L	20	19	97		T
Carbon Tetrachloride	ug/L	20	20	99		T
Benzene	ug/L	20	21	107	70 - 130	T
Dibromomethane	ug/L	20	21	103		T
1,2-Dichloropropane	ug/L	20	23	114		T
Trichloroethene	ug/L	20	21	103	70 - 130	T
Bromodichloromethane	ug/L	20	21	106		T

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Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3608 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
cis-1,3-Dichloropropene	ug/L	20	22	110		T
4-Methyl-2-pentanone (MIBK)	ug/L	20	17	85		T
trans-1,3-Dichloropropylene	ug/L	20	22	110		T
1,1,2-Trichloroethane	ug/L	20	20	100		T
Toluene	ug/L	20	24	120	70 - 130	T
2-Hexanone	ug/L	20	19	96		T
Dibromochloromethane	ug/L	20	22	108		T
Tetrachloroethylene (PCE)	ug/L	20	22	112	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	22	110		T
Chlorobenzene	ug/L	20	23	116	70 - 130	T
Ethylbenzene	ug/L	20	24	118	70 - 130	T
Bromoform	ug/L	20	21	107		T
Styrene	ug/L	20	24	119		T
1,1,2,2-Tetrachloroethane	ug/L	20	21	107		T
1,4-Dichlorobenzene	ug/L	20	20	101		T
1,2-Dichlorobenzene	ug/L	20	21	103	70 - 130	T
Xylene (Total)	ug/L	60	72	120	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	42	84	70 - 128	
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	
Toluene-d8 (S)	ug/L	50	46	91	77 - 119	

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3610 Analysis Method: SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715012, T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715022, T2202715023, T2202715024, T2202715025, T2202715026, T2202715027, T2202715028, T2202715029, T2202715030, T2202715033

Method Blank(4208761)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023 U	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	39	77	70 - 130	
Bromofluorobenzene (S)	ug/L	50	45	89	70 - 130	
Toluene-d8 (S)	ug/L	50	40	79	70 - 130	

Lab Control Sample (4208762); Lab Control Sample Duplicate (4208763)

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	.75	94	6	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.7	87	70 - 130	.66	82	6	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	37	74	70 - 130	36	72	2		
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	44	87	1		
Toluene-d8 (S)	ug/L	50	39	78	70 - 130	40	79	1		

Matrix Spike (4208764); Parent Lab Sample (T2202715012)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.77	96	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.72	90	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	37	74	70 - 130	
Bromofluorobenzene (S)	ug/L	50	44	88	70 - 130	
Toluene-d8 (S)	ug/L	50	39	79	70 - 130	

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3634
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B

Method Blank(4213835)

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

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Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3634
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.42 U	ug/L	1.0	0.42	T
Dibromochloromethane	0.36 U	ug/L	1.0	0.36	T
Tetrachloroethylene (PCE)	0.45 U	ug/L	1.0	0.45	T
1,1,1,2-Tetrachloroethane	0.47 U	ug/L	1.0	0.47	T
Chlorobenzene	0.38 U	ug/L	1.0	0.38	T
Ethylbenzene	0.56 U	ug/L	1.0	0.56	T
Bromoform	0.36 U	ug/L	1.0	0.36	T
Styrene	0.29 U	ug/L	1.0	0.29	T
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	T
1,4-Dichlorobenzene	0.36 U	ug/L	1.0	0.36	T
1,2-Dichlorobenzene	0.44 U	ug/L	1.0	0.44	T
trans-1,4-Dichloro-2-butene	0.46 U	ug/L	1.0	0.46	T
Xylene (Total)	1.3 U	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	48	96	70 - 128	
Bromofluorobenzene (S)	ug/L	50	54	108	86 - 123	
Toluene-d8 (S)	ug/L	50	45	90	77 - 119	

Lab Control Sample (4213836); Lab Control Sample Duplicate (4213837)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	21	107		22	108	0		T
Vinyl Chloride	ug/L	20	24	118	70 - 130	23	117	1	20	T
Bromomethane	ug/L	20	12	59		12	59	0		T
Chloroethane	ug/L	20	17	85		17	87	2		T
Trichlorofluoromethane	ug/L	20	20	98		20	100	3		T
Acetone	ug/L	20	25	127		26	131	3		T
1,1-Dichloroethylene	ug/L	20	22	108	70 - 130	22	110	2	20	T
Iodomethane (Methyl Iodid	ug/L	20	12	59		14	69	16		T
Acrylonitrile	ug/L	20	18	92		19	96	5		T
Methylene Chloride	ug/L	20	22	110		22	110	0		T
Carbon Disulfide	ug/L	20	19	96		19	95	1		T
trans-1,2-Dichloroethylene	ug/L	20	21	106		22	108	2		T
1,1-Dichloroethane	ug/L	20	18	91		19	94	3		T

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Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3634
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vinyl Acetate	ug/L	20	10	52		9.9	49	6		T
2-Butanone (MEK)	ug/L	20	20	100		20	101	1		T
cis-1,2-Dichloroethylene	ug/L	20	20	99	70 - 130	20	100	0	20	T
Bromochloromethane	ug/L	20	22	110		22	110	0		T
Chloroform	ug/L	20	20	102	70 - 130	20	102	1	20	T
1,2-Dichloroethane	ug/L	20	23	115		23	115	0		T
1,1,1-Trichloroethane	ug/L	20	19	95		19	96	0		T
Carbon Tetrachloride	ug/L	20	19	97		20	99	2		T
Benzene	ug/L	20	19	97	70 - 130	20	98	1	20	T
Dibromomethane	ug/L	20	19	94		19	93	1		T
1,2-Dichloropropane	ug/L	20	21	105		21	107	2		T
Trichloroethene	ug/L	20	21	103	70 - 130	21	104	2	20	T
Bromodichloromethane	ug/L	20	21	104		20	101	3		T
cis-1,3-Dichloropropene	ug/L	20	18	89		18	89	0		T
4-Methyl-2-pentanone (MIB)	ug/L	20	20	101		20	100	0		T
trans-1,3-Dichloropropylene	ug/L	20	18	91		18	90	1		T
1,1,2-Trichloroethane	ug/L	20	18	88		18	92	4		T
Toluene	ug/L	20	23	117	70 - 130	23	117	0	20	T
2-Hexanone	ug/L	20	26	128		25	127	1		T
Dibromochloromethane	ug/L	20	22	112		22	112	0		T
Tetrachloroethylene (PCE)	ug/L	20	23	115	70 - 130	23	116	1	20	T
1,1,1,2-Tetrachloroethane	ug/L	20	22	110		22	110	1		T
Chlorobenzene	ug/L	20	22	108	70 - 130	22	109	1	20	T
Ethylbenzene	ug/L	20	23	116	70 - 130	23	117	1	20	T
Bromoform	ug/L	20	25	125		24	119	5		T
Styrene	ug/L	20	23	115		23	113	2		T
1,1,2,2-Tetrachloroethane	ug/L	20	21	106		21	107	2		T
1,4-Dichlorobenzene	ug/L	20	22	111		22	108	2		T
1,2-Dichlorobenzene	ug/L	20	22	110	70 - 130	23	113	2	20	T
Xylene (Total)	ug/L	60	71	118	70 - 130	71	119	0	20	T

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Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3634
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B

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	56	112	70 - 128	57	113	1		
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	50	100	1		
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	50	99	3		

Matrix Spike (4213838); Parent Lab Sample (T2202715031)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	21	106		T
Vinyl Chloride	ug/L	20	24	118	70 - 130	T
Bromomethane	ug/L	20	12	61		T
Chloroethane	ug/L	20	17	87		T
Trichlorofluoromethane	ug/L	20	20	98		T
Acetone	ug/L	20	27	134		T
1,1-Dichloroethylene	ug/L	20	22	109	70 - 130	T
Iodomethane (Methyl Iodide)	ug/L	20	15	73		T
Acrylonitrile	ug/L	20	20	99		T
Methylene Chloride	ug/L	20	22	111		T
Carbon Disulfide	ug/L	20	21	104		T
trans-1,2-Dichloroethylene	ug/L	20	22	109		T
1,1-Dichloroethane	ug/L	20	19	95		T
Vinyl Acetate	ug/L	20	8.8	44		T
2-Butanone (MEK)	ug/L	20	21	103		T
cis-1,2-Dichloroethylene	ug/L	20	20	102	70 - 130	T
Bromochloromethane	ug/L	20	22	109		T
Chloroform	ug/L	20	21	103	70 - 130	T
1,2-Dichloroethane	ug/L	20	23	116		T
1,1,1-Trichloroethane	ug/L	20	20	99		T
Carbon Tetrachloride	ug/L	20	20	99		T
Benzene	ug/L	20	20	98	70 - 130	T
Dibromomethane	ug/L	20	19	95		T
1,2-Dichloropropane	ug/L	20	21	107		T
Trichloroethene	ug/L	20	20	102	70 - 130	T
Bromodichloromethane	ug/L	20	21	104		T
cis-1,3-Dichloropropene	ug/L	20	18	91		T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Batch: MSVt/3634
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	20	102		T
trans-1,3-Dichloropropylene	ug/L	20	19	93		T
1,1,2-Trichloroethane	ug/L	20	19	94		T
Toluene	ug/L	20	24	119	70 - 130	T
2-Hexanone	ug/L	20	27	133		T
Dibromochloromethane	ug/L	20	23	116		T
Tetrachloroethylene (PCE)	ug/L	20	23	115	70 - 130	T
1,1,1,2-Tetrachloroethane	ug/L	20	23	115		T
Chlorobenzene	ug/L	20	22	111	70 - 130	T
Ethylbenzene	ug/L	20	23	117	70 - 130	T
Bromoform	ug/L	20	25	125		T
Styrene	ug/L	20	23	117		T
1,1,2,2-Tetrachloroethane	ug/L	20	21	107		T
1,4-Dichlorobenzene	ug/L	20	23	113		T
1,2-Dichlorobenzene	ug/L	20	23	115	70 - 130	T
Xylene (Total)	ug/L	60	72	121	70 - 130	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	
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: MSVt/3636
Preparation Method: SW-846 5030B
Associated Lab IDs: T2202715031, T2202715032, T2202715034

Analysis Method: SW-846 8260B (SIM)

Method Blank(4213849)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.020	0.019	T
1,2-Dibromo-3-Chloropropane	0.023 U	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	61	121	70 - 130	
Bromofluorobenzene (S)	ug/L	50	45	90	70 - 130	
Toluene-d8 (S)	ug/L	50	54	108	70 - 130	

Lab Control Sample (4213850); Lab Control Sample Duplicate (4213851)

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	.79	98	70 - 130	.7	87	12	30	T
1,2-Dibromo-3-Chloropropa	ug/L	0.80	.76	94	70 - 130	.69	87	8	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	61	122	70 - 130	62	123	1		
Bromofluorobenzene (S)	ug/L	50	47	93	70 - 130	46	92	2		
Toluene-d8 (S)	ug/L	50	54	108	70 - 130	54	108	0		

Matrix Spike (4213852); Parent Lab Sample (T2202715031)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.68	85	70 - 130	T
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.73	91	70 - 130	T

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	60	120	70 - 130	
Bromofluorobenzene (S)	ug/L	50	45	91	70 - 130	
Toluene-d8 (S)	ug/L	50	54	108	70 - 130	

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCAg/5379
Preparation Method: SM 10200 H
Associated Lab IDs: T2202715036

Analysis Method: SM 10200 H

Sample Duplicate (4198560)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Corrected Chlorophyll A	4.45	4.45	mg/m3	0	35	G

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCAg/5379 Analysis Method: SM 10200 H
Preparation Method: SM 10200 H
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4222836)

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

Sample Duplicate (4222837)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Corrected Chlorophyll A	411.71	430.94	mg/m3	5	35	G

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCAg/5419

Analysis Method: SM 5310B

Preparation Method: SM 5310B

Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Lab Control Sample (4202933)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Organic Carbon	mg/L	10	10	97	90 - 110	G

Method Blank(4202937)

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

Matrix Spike (4202938); Matrix Spike Duplicate (4202939); Parent Lab Sample (G2201143005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Total Organic Carbon	mg/L	25	29	99	90 - 110	29	99	0	10	G

Method Blank(4202941)

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

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10157 Analysis Method: SM 5210B
Preparation Method: SM 5210B
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4196073)

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

Lab Control Sample (4196074)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Biochemical Oxygen Demand	mg/L	198	186	94	84.60 - 115.40	T

Sample Duplicate (4196075)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Biochemical Oxygen Demand	2313.26	2304.99	mg/L	0	20	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10171

Analysis Method: EPA 410.4

Preparation Method: EPA 410.4

Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4196402)

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

Lab Control Sample (4196403)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chemical Oxygen Demand	mg/L	500	511	102	90 - 110	T

Matrix Spike (4196405); Matrix Spike Duplicate (4196406); Parent Lab Sample (T2202605002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chemical Oxygen Demand	mg/L	500	597	106	90 - 110	597	106	0	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10182 Analysis Method: SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4197128)

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

Lab Control Sample (4197129)

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

Matrix Spike (4197130); Matrix Spike Duplicate (4197131); Parent Lab Sample (T2202605002)

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	100	90 - 110	.97	97	3	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10196 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011

Method Blank(4197940)

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

Lab Control Sample (4197941)

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

Matrix Spike (4197942); Matrix Spike Duplicate (4197943); Parent Lab Sample (T2202685004)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	3.6	99	90 - 110	3.6	103	1	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10199 Analysis Method: EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4198033)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.01 U	mg/L	0.03	0.01	T

Lab Control Sample (4198034)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.4	90	90 - 110	T

Matrix Spike (4198037); Matrix Spike Duplicate (4198038); Parent Lab Sample (T2202680002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	4	79	90 - 110	4	71	2	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10200 Analysis Method: EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011

Method Blank(4198039)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.01 U	mg/L	0.03	0.01	T

Lab Control Sample (4198040)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.5	92	90 - 110	T

Matrix Spike (4198041); Matrix Spike Duplicate (4198042); Parent Lab Sample (T2202715006)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	108	90 - 110	1	107	0	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10204
Preparation Method: SM 2540 C
Associated Lab IDs: T2202715040

Analysis Method: SM 2540 C

Method Blank(4198293)

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

Lab Control Sample (4198294)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	636	96	85 - 115	T

Sample Duplicate (4198295)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	482	494	mg/L	2	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10205
Preparation Method: SM 2540 C
Analysis Method: SM 2540 C
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715041

Method Blank(4198296)

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

Lab Control Sample (4198297)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	664	101	85 - 115	T

Sample Duplicate (4198298)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	142	138	mg/L	3	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10216 Analysis Method: SM 2340C
Preparation Method: SM 2340C
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4198751)

Parameter	Results	Units	PQL	MDL	Lab
Hardness (as CaCO ₃)	4.0 U	mg/L	4.0	4.0	T

Lab Control Sample (4198752)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Hardness (as CaCO ₃)	mg/L	400	416	104	90 - 110	T

Matrix Spike (4198754); Matrix Spike Duplicate (4198755); Parent Lab Sample (A2201077001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Hardness (as CaCO ₃)	mg/L	200	1210	-30	90 - 110	1080	-94	11	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10230 **Analysis Method:** SM 4500-CI-E
Preparation Method: SM 4500-CI-E
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011

Method Blank(4199857)

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

Lab Control Sample (4199858); Lab Control Sample Duplicate (4199859)

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	52	104	3	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10239 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2202715002, T2202715003, T2202715004, T2202715005, T2202715006, T2202715007, T2202715008, T2202715009, T2202715010, T2202715011

Method Blank(4200412)

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

Lab Control Sample (4200413)

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

Sample Duplicate (4200414)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	846	844	mg/L	0	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10295 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2202715016, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026

Method Blank(4203967)

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

Lab Control Sample (4203968)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	1	.98	98	90 - 110	T

Matrix Spike (4203969); Matrix Spike Duplicate (4203970); Parent Lab Sample (T2202715016)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	1.2	106	90 - 110	1.2	104	1	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10299 **Analysis Method:** SM 4500NO3-F
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715017, T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4204040)

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

Lab Control Sample (4204041)

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

Matrix Spike (4204042); Matrix Spike Duplicate (4204043); Parent Lab Sample (T2202715034)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	1	.96	96	90 - 110	1	104	8	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10300 **Analysis Method:** SM 2540 C
Preparation Method: SM 2540 C
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026, T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033

Method Blank(4204423)

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

Lab Control Sample (4204424)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	624	95	85 - 115	T

Sample Duplicate (4204425)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	302	312	mg/L	3	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10301
Preparation Method: SM 2540 C
Associated Lab IDs: T2202715034

Analysis Method: SM 2540 C

Method Blank(4204452)

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

Lab Control Sample (4204453)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	698	106	85 - 115	T

Sample Duplicate (4204454)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	338	324	mg/L	4	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA1/10318
Preparation Method: EPA 350.1
Associated Lab IDs: T2202715013

Analysis Method: EPA 350.1

Matrix Spike (4204667); Matrix Spike Duplicate (4204668); Parent Lab Sample (S2200356001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	106	90 - 110	1	104	1	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10318 Analysis Method: EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021

Method Blank(4204665)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.01 U	mg/L	0.03	0.01	T

Lab Control Sample (4204666)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.5	104	90 - 110	T

Matrix Spike (4204669); Matrix Spike Duplicate (4204670); Parent Lab Sample (T2202715013)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	2	106	90 - 110	2	106	0	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10319 Analysis Method: EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2202715023, T2202715024, T2202715025, T2202715026, T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4204688)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.01 U	mg/L	0.03	0.01	T

Lab Control Sample (4204689)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.5	104	90 - 110	T

Matrix Spike (4204690); Matrix Spike Duplicate (4204691); Parent Lab Sample (T2202715023)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	108	90 - 110	1	107	1	10	T

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10319

Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: T2202715024, T2202715025, T2202715026, T2202715028, T2202715029, T2202715030, T2202715031, T2202715032, T2202715033, T2202715034

Matrix Spike (4204692); Matrix Spike Duplicate (4204693); Parent Lab Sample (T2202715034)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	102	90 - 110	1	98	3	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10405

Analysis Method: EPA 365.4

Preparation Method: Copper Sulfate Digestion

Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039

Method Blank(4205977)

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

Lab Control Sample (4205979)

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

Matrix Spike (4205981); Matrix Spike Duplicate (4205983); Parent Lab Sample (S2200331002)

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	2.1	81	80 - 120	2.1	80	0	20	T

Matrix Spike (4205985); Matrix Spike Duplicate (4205987); Parent Lab Sample (S2200375004)

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	1.1	110	80 - 120	1.1	109	1	20	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10407
Preparation Method: Copper Sulfate Digestion
Associated Lab IDs: T2202715040, T2202715041

Analysis Method: EPA 365.4

Method Blank(4206005)

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

Lab Control Sample (4206007)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Phosphorus (as P)	mg/L	1	1	102	90 - 110	T

Matrix Spike (4206009); Matrix Spike Duplicate (4206011); Parent Lab Sample (T2202605006)

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	2.9	-7	80 - 120	2.9	-9	1	20	T

Matrix Spike (4206013); Matrix Spike Duplicate (4206015); Parent Lab Sample (T2202707001)

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	.85	85	80 - 120	.84	84	1	20	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10423 **Analysis Method:** SM 4500-CI-E
Preparation Method: SM 4500-CI-E
Associated Lab IDs: T2202715013, T2202715014, T2202715015, T2202715016, T2202715017, T2202715018, T2202715019, T2202715020, T2202715021, T2202715023, T2202715024, T2202715025, T2202715026, T2202715028, T2202715029, T2202715030

Method Blank(4210818)

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

Lab Control Sample (4210819); Lab Control Sample Duplicate (4210820)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	52	104	90 - 110	51	102	1	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10424 Analysis Method: SM 4500-Cl-E
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2202715031, T2202715032, T2202715033, T2202715034

Method Blank(4210827)

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

Lab Control Sample (4210828); Lab Control Sample Duplicate (4210829)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	51	102	90 - 110	48	96	6	10	T

Matrix Spike (4210830); Matrix Spike Duplicate (4210831); Parent Lab Sample (T2202715031)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	60	105	90 - 110	58	100	4	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA/10498 Analysis Method: SM 2540D
Preparation Method: SM 2540D
Associated Lab IDs: T2202715036, T2202715037, T2202715038, T2202715039, T2202715040, T2202715041

Method Blank(4214804)

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

Lab Control Sample (4214805)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	184	92	85 - 115	T

Sample Duplicate (4214806)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	2.2	2.2	mg/L	0	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Results

QC Batch: WCA1/10642
Preparation Method: SM 4500-Cl-E
Associated Lab IDs: T2202715018, T2202715019, T2202715021

Analysis Method: SM 4500-Cl-E

Method Blank(4223087)

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

Lab Control Sample (4223088); Lab Control Sample Duplicate (4223089)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	50	100	90 - 110	50	100	0	10	T

Matrix Spike (4223090); Matrix Spike Duplicate (4223091); Parent Lab Sample (T2203431003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	50	91	96	90 - 110	95	103	4	10	T

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1511 - SW-846 7470A			
T2202715036	Mine Cut 1D	DGMt/3337	SW-846 7470A
T2202715037	3B2B	DGMt/3337	SW-846 7470A
T2202715038	3C2C	DGMt/3337	SW-846 7470A
T2202715039	3A	DGMt/3337	SW-846 7470A
T2202715040	Duplicate	DGMt/3337	SW-846 7470A
CVAt/1516 - SW-846 7470A			
T2202715002	Field Blank	DGMt/3365	SW-846 7470A
T2202715003	TH-78	DGMt/3365	SW-846 7470A
T2202715004	TH-40	DGMt/3365	SW-846 7470A
T2202715005	TH-58	DGMt/3365	SW-846 7470A
T2202715006	TH-22A	DGMt/3365	SW-846 7470A
T2202715007	TH-72	DGMt/3365	SW-846 7470A
T2202715008	TH-28A	DGMt/3365	SW-846 7470A
T2202715009	TH-20B	DGMt/3365	SW-846 7470A
T2202715010	TH-61	DGMt/3365	SW-846 7470A
T2202715011	TH-61A	DGMt/3365	SW-846 7470A
CVAt/1519 - SW-846 7470A			
T2202715028	TH-64	DGMt/3373	SW-846 7470A
T2202715029	TH-83	DGMt/3373	SW-846 7470A
T2202715030	TH-68	DGMt/3373	SW-846 7470A
T2202715031	TH-36A	DGMt/3373	SW-846 7470A
T2202715032	TH-57	DGMt/3373	SW-846 7470A
T2202715033	Duplicate	DGMt/3373	SW-846 7470A
T2202715034	TH-19	DGMt/3373	SW-846 7470A

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1520 - SW-846 7470A			
T2202715013	TH-65	DGMt/3374	SW-846 7470A
T2202715014	TH-69A	DGMt/3374	SW-846 7470A
T2202715016	TH-71A	DGMt/3374	SW-846 7470A
T2202715017	Duplicate	DGMt/3374	SW-846 7470A
T2202715018	TH-67	DGMt/3374	SW-846 7470A
T2202715019	TH-79	DGMt/3374	SW-846 7470A
T2202715020	TH-66	DGMt/3374	SW-846 7470A
T2202715021	TH-66A	DGMt/3374	SW-846 7470A
T2202715023	Holland	DGMt/3374	SW-846 7470A
T2202715024	Barnes	DGMt/3374	SW-846 7470A
T2202715025	TH-70A	DGMt/3374	SW-846 7470A
T2202715026	Keene	DGMt/3374	SW-846 7470A
CVAt/1531 - SW-846 7470A			
T2202715015	Field Blank	DGMt/3400	SW-846 7470A
CVAt/1559 - SW-846 7470A			
T2202715041	EQ BLANK	DGMt/3528	SW-846 7470A
ICMj/1762 - SW-846 6020			
T2202715002	Field Blank	DGMj/2828	SW-846 3010A
T2202715003	TH-78	DGMj/2828	SW-846 3010A
T2202715004	TH-40	DGMj/2828	SW-846 3010A
T2202715005	TH-58	DGMj/2828	SW-846 3010A
T2202715006	TH-22A	DGMj/2828	SW-846 3010A
T2202715007	TH-72	DGMj/2828	SW-846 3010A
T2202715008	TH-28A	DGMj/2828	SW-846 3010A
T2202715009	TH-20B	DGMj/2828	SW-846 3010A
T2202715010	TH-61	DGMj/2828	SW-846 3010A
T2202715011	TH-61A	DGMj/2828	SW-846 3010A
T2202715036	Mine Cut 1D	DGMj/2828	SW-846 3010A
T2202715037	3B2B	DGMj/2828	SW-846 3010A
T2202715038	3C2C	DGMj/2828	SW-846 3010A
T2202715039	3A	DGMj/2828	SW-846 3010A
T2202715040	Duplicate	DGMj/2828	SW-846 3010A
T2202715041	EQ BLANK	DGMj/2828	SW-846 3010A

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICMj/1768 - SW-846 6020			
T2202715029	TH-83	DGMj/2834	SW-846 3010A
T2202715030	TH-68	DGMj/2834	SW-846 3010A
ICMj/1769 - SW-846 6020			
T2202715013	TH-65	DGMj/2851	SW-846 3010A
T2202715014	TH-69A	DGMj/2851	SW-846 3010A
T2202715015	Field Blank	DGMj/2851	SW-846 3010A
T2202715016	TH-71A	DGMj/2851	SW-846 3010A
T2202715017	Duplicate	DGMj/2851	SW-846 3010A
T2202715018	TH-67	DGMj/2851	SW-846 3010A
T2202715019	TH-79	DGMj/2851	SW-846 3010A
T2202715020	TH-66	DGMj/2851	SW-846 3010A
T2202715021	TH-66A	DGMj/2851	SW-846 3010A
T2202715023	Holland	DGMj/2851	SW-846 3010A
T2202715024	Barnes	DGMj/2851	SW-846 3010A
T2202715025	TH-70A	DGMj/2851	SW-846 3010A
T2202715026	Keene	DGMj/2851	SW-846 3010A
T2202715028	TH-64	DGMj/2851	SW-846 3010A
T2202715031	TH-36A	DGMj/2851	SW-846 3010A
T2202715032	TH-57	DGMj/2851	SW-846 3010A
T2202715033	Duplicate	DGMj/2851	SW-846 3010A
T2202715034	TH-19	DGMj/2851	SW-846 3010A
ICPt/2360 - SW-846 6010			
T2202715036	Mine Cut 1D	DGMt/3311	SW-846 3010A
T2202715037	3B2B	DGMt/3311	SW-846 3010A
T2202715038	3C2C	DGMt/3311	SW-846 3010A

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPt/2364 - SW-846 6010			
T2202715002	Field Blank	DGMt/3318	SW-846 3010A
T2202715008	TH-28A	DGMt/3318	SW-846 3010A
T2202715009	TH-20B	DGMt/3318	SW-846 3010A
T2202715010	TH-61	DGMt/3318	SW-846 3010A
T2202715011	TH-61A	DGMt/3318	SW-846 3010A
T2202715039	3A	DGMt/3318	SW-846 3010A
T2202715040	Duplicate	DGMt/3318	SW-846 3010A
T2202715041	EQ BLANK	DGMt/3318	SW-846 3010A
ICPt/2375 - SW-846 6010			
T2202715003	TH-78	DGMt/3333	SW-846 3010A
T2202715004	TH-40	DGMt/3333	SW-846 3010A
T2202715005	TH-58	DGMt/3333	SW-846 3010A
T2202715006	TH-22A	DGMt/3333	SW-846 3010A
T2202715007	TH-72	DGMt/3333	SW-846 3010A
ICPt/2376 - SW-846 6010			
T2202715028	TH-64	DGMt/3334	SW-846 3010A
T2202715029	TH-83	DGMt/3334	SW-846 3010A
T2202715030	TH-68	DGMt/3334	SW-846 3010A
T2202715031	TH-36A	DGMt/3334	SW-846 3010A
T2202715032	TH-57	DGMt/3334	SW-846 3010A
T2202715033	Duplicate	DGMt/3334	SW-846 3010A
T2202715034	TH-19	DGMt/3334	SW-846 3010A
ICPt/2377 - SW-846 6010			
T2202715013	TH-65	DGMt/3335	SW-846 3010A
T2202715014	TH-69A	DGMt/3335	SW-846 3010A
T2202715015	Field Blank	DGMt/3335	SW-846 3010A
T2202715016	TH-71A	DGMt/3335	SW-846 3010A
T2202715017	Duplicate	DGMt/3335	SW-846 3010A
T2202715018	TH-67	DGMt/3335	SW-846 3010A
T2202715019	TH-79	DGMt/3335	SW-846 3010A
T2202715020	TH-66	DGMt/3335	SW-846 3010A
T2202715021	TH-66A	DGMt/3335	SW-846 3010A

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPt/2382 - SW-846 6010			
T2202715023	Holland	DGMt/3342	SW-846 3010A
T2202715024	Barnes	DGMt/3342	SW-846 3010A
T2202715025	TH-70A	DGMt/3342	SW-846 3010A
T2202715026	Keene	DGMt/3342	SW-846 3010A
MICt/3364 - SM 9222D			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		
MSVt/3581 - SW-846 8260B (SIM)			
T2202715001	Trip Blank	MSVt/3580	SW-846 5030B
T2202715002	Field Blank	MSVt/3580	SW-846 5030B
T2202715003	TH-78	MSVt/3580	SW-846 5030B
T2202715004	TH-40	MSVt/3580	SW-846 5030B
T2202715005	TH-58	MSVt/3580	SW-846 5030B
T2202715006	TH-22A	MSVt/3580	SW-846 5030B
T2202715007	TH-72	MSVt/3580	SW-846 5030B
T2202715008	TH-28A	MSVt/3580	SW-846 5030B
T2202715009	TH-20B	MSVt/3580	SW-846 5030B
T2202715010	TH-61	MSVt/3580	SW-846 5030B
T2202715011	TH-61A	MSVt/3580	SW-846 5030B
T2202715035	Trip Blank	MSVt/3580	SW-846 5030B
T2202715036	Mine Cut 1D	MSVt/3580	SW-846 5030B
T2202715037	3B2B	MSVt/3580	SW-846 5030B
T2202715038	3C2C	MSVt/3580	SW-846 5030B
T2202715039	3A	MSVt/3580	SW-846 5030B
T2202715040	Duplicate	MSVt/3580	SW-846 5030B
T2202715041	EQ BLANK	MSVt/3580	SW-846 5030B

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/3583 - SW-846 8260B			
T2202715001	Trip Blank	MSVt/3582	SW-846 5030B
T2202715002	Field Blank	MSVt/3582	SW-846 5030B
T2202715003	TH-78	MSVt/3582	SW-846 5030B
T2202715004	TH-40	MSVt/3582	SW-846 5030B
T2202715005	TH-58	MSVt/3582	SW-846 5030B
T2202715006	TH-22A	MSVt/3582	SW-846 5030B
T2202715007	TH-72	MSVt/3582	SW-846 5030B
T2202715008	TH-28A	MSVt/3582	SW-846 5030B
T2202715009	TH-20B	MSVt/3582	SW-846 5030B
T2202715010	TH-61	MSVt/3582	SW-846 5030B
T2202715011	TH-61A	MSVt/3582	SW-846 5030B
T2202715035	Trip Blank	MSVt/3582	SW-846 5030B
T2202715036	Mine Cut 1D	MSVt/3582	SW-846 5030B
T2202715037	3B2B	MSVt/3582	SW-846 5030B
T2202715038	3C2C	MSVt/3582	SW-846 5030B
T2202715039	3A	MSVt/3582	SW-846 5030B
T2202715040	Duplicate	MSVt/3582	SW-846 5030B
T2202715041	EQ BLANK	MSVt/3582	SW-846 5030B

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/3608 - SW-846 8260B			
T2202715012	Trip Blank	MSVt/3607	SW-846 5030B
T2202715013	TH-65	MSVt/3607	SW-846 5030B
T2202715014	TH-69A	MSVt/3607	SW-846 5030B
T2202715015	Field Blank	MSVt/3607	SW-846 5030B
T2202715016	TH-71A	MSVt/3607	SW-846 5030B
T2202715017	Duplicate	MSVt/3607	SW-846 5030B
T2202715018	TH-67	MSVt/3607	SW-846 5030B
T2202715019	TH-79	MSVt/3607	SW-846 5030B
T2202715020	TH-66	MSVt/3607	SW-846 5030B
T2202715021	TH-66A	MSVt/3607	SW-846 5030B
T2202715022	Trip Blank	MSVt/3607	SW-846 5030B
T2202715023	Holland	MSVt/3607	SW-846 5030B
T2202715024	Barnes	MSVt/3607	SW-846 5030B
T2202715025	TH-70A	MSVt/3607	SW-846 5030B
T2202715026	Keene	MSVt/3607	SW-846 5030B
T2202715027	Trip Blank	MSVt/3607	SW-846 5030B
T2202715028	TH-64	MSVt/3607	SW-846 5030B
T2202715029	TH-83	MSVt/3607	SW-846 5030B
T2202715030	TH-68	MSVt/3607	SW-846 5030B
T2202715033	Duplicate	MSVt/3607	SW-846 5030B

Certificate of Analysis

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVt/3610 - SW-846 8260B (SIM)			
T2202715012	Trip Blank	MSVt/3609	SW-846 5030B
T2202715013	TH-65	MSVt/3609	SW-846 5030B
T2202715014	TH-69A	MSVt/3609	SW-846 5030B
T2202715015	Field Blank	MSVt/3609	SW-846 5030B
T2202715016	TH-71A	MSVt/3609	SW-846 5030B
T2202715017	Duplicate	MSVt/3609	SW-846 5030B
T2202715018	TH-67	MSVt/3609	SW-846 5030B
T2202715019	TH-79	MSVt/3609	SW-846 5030B
T2202715020	TH-66	MSVt/3609	SW-846 5030B
T2202715021	TH-66A	MSVt/3609	SW-846 5030B
T2202715022	Trip Blank	MSVt/3609	SW-846 5030B
T2202715023	Holland	MSVt/3609	SW-846 5030B
T2202715024	Barnes	MSVt/3609	SW-846 5030B
T2202715025	TH-70A	MSVt/3609	SW-846 5030B
T2202715026	Keene	MSVt/3609	SW-846 5030B
T2202715027	Trip Blank	MSVt/3609	SW-846 5030B
T2202715028	TH-64	MSVt/3609	SW-846 5030B
T2202715029	TH-83	MSVt/3609	SW-846 5030B
T2202715030	TH-68	MSVt/3609	SW-846 5030B
T2202715033	Duplicate	MSVt/3609	SW-846 5030B
MSVt/3634 - SW-846 8260B			
T2202715031	TH-36A	MSVt/3633	SW-846 5030B
T2202715032	TH-57	MSVt/3633	SW-846 5030B
T2202715034	TH-19	MSVt/3633	SW-846 5030B
MSVt/3636 - SW-846 8260B (SIM)			
T2202715031	TH-36A	MSVt/3635	SW-846 5030B
T2202715032	TH-57	MSVt/3635	SW-846 5030B
T2202715034	TH-19	MSVt/3635	SW-846 5030B

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/5379 - SM 10200 H			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		

Batch Comments

filters extracted 2/9/22 10:30

WCAg/5419 - SM 5310B

T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		

WCA/10157 - SM 5210B

T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		

WCA/10171 - EPA 410.4

T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA#10182 - SM 4500NO3-F			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		
WCA#10196 - SM 4500NO3-F			
T2202715002	Field Blank		
T2202715003	TH-78		
T2202715004	TH-40		
T2202715005	TH-58		
T2202715006	TH-22A		
T2202715007	TH-72		
T2202715008	TH-28A		
T2202715009	TH-20B		
T2202715010	TH-61		
T2202715011	TH-61A		
WCA#10199 - EPA 350.1			
T2202715002	Field Blank		
T2202715003	TH-78		
T2202715004	TH-40		
T2202715005	TH-58		
WCA#10200 - EPA 350.1			
T2202715006	TH-22A		
T2202715007	TH-72		
T2202715008	TH-28A		
T2202715009	TH-20B		
T2202715010	TH-61		
T2202715011	TH-61A		
WCA#10204 - SM 2540 C			
T2202715040	Duplicate		

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/10205 - SM 2540 C			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715041	EQ BLANK		
WCAI/10216 - SM 2340C			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		
WCAI/10230 - SM 4500-CI-E			
T2202715002	Field Blank		
T2202715003	TH-78		
T2202715004	TH-40		
T2202715005	TH-58		
T2202715006	TH-22A		
T2202715007	TH-72		
T2202715008	TH-28A		
T2202715009	TH-20B		
T2202715010	TH-61		
T2202715011	TH-61A		

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FINAL

Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/10239 - SM 2540 C			
T2202715002	Field Blank		
T2202715003	TH-78		
T2202715004	TH-40		
T2202715005	TH-58		
T2202715006	TH-22A		
T2202715007	TH-72		
T2202715008	TH-28A		
T2202715009	TH-20B		
T2202715010	TH-61		
T2202715011	TH-61A		
WCAI/10295 - SM 4500NO3-F			
T2202715016	TH-71A		
T2202715018	TH-67		
T2202715019	TH-79		
T2202715020	TH-66		
T2202715021	TH-66A		
T2202715023	Holland		
T2202715024	Barnes		
T2202715025	TH-70A		
T2202715026	Keene		
WCAI/10299 - SM 4500NO3-F			
T2202715013	TH-65		
T2202715014	TH-69A		
T2202715015	Field Blank		
T2202715017	Duplicate		
T2202715028	TH-64		
T2202715029	TH-83		
T2202715030	TH-68		
T2202715031	TH-36A		
T2202715032	TH-57		
T2202715033	Duplicate		
T2202715034	TH-19		

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCA#10300 - SM 2540 C			
T2202715013	TH-65		
T2202715014	TH-69A		
T2202715015	Field Blank		
T2202715016	TH-71A		
T2202715017	Duplicate		
T2202715018	TH-67		
T2202715019	TH-79		
T2202715020	TH-66		
T2202715021	TH-66A		
T2202715023	Holland		
T2202715024	Barnes		
T2202715025	TH-70A		
T2202715026	Keene		
T2202715028	TH-64		
T2202715029	TH-83		
T2202715030	TH-68		
T2202715031	TH-36A		
T2202715032	TH-57		
T2202715033	Duplicate		
WCA#10301 - SM 2540 C			
T2202715034	TH-19		
WCA#10318 - EPA 350.1			
T2202715013	TH-65		
T2202715014	TH-69A		
T2202715015	Field Blank		
T2202715016	TH-71A		
T2202715017	Duplicate		
T2202715018	TH-67		
T2202715019	TH-79		
T2202715020	TH-66		
T2202715021	TH-66A		

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/10319 - EPA 350.1			
T2202715023	Holland		
T2202715024	Barnes		
T2202715025	TH-70A		
T2202715026	Keene		
T2202715028	TH-64		
T2202715029	TH-83		
T2202715030	TH-68		
T2202715031	TH-36A		
T2202715032	TH-57		
T2202715033	Duplicate		
T2202715034	TH-19		
WCAI/10405 - EPA 365.4			
T2202715036	Mine Cut 1D	WCAI/10336	Copper Sulfate Digestion
T2202715037	3B2B	WCAI/10336	Copper Sulfate Digestion
T2202715038	3C2C	WCAI/10336	Copper Sulfate Digestion
T2202715039	3A	WCAI/10336	Copper Sulfate Digestion
WCAI/10407 - EPA 365.4			
T2202715040	Duplicate	WCAI/10337	Copper Sulfate Digestion
T2202715041	EQ BLANK	WCAI/10337	Copper Sulfate Digestion
WCAI/10423 - SM 4500-CI-E			
T2202715013	TH-65		
T2202715014	TH-69A		
T2202715015	Field Blank		
T2202715016	TH-71A		
T2202715017	Duplicate		
T2202715020	TH-66		
T2202715023	Holland		
T2202715024	Barnes		
T2202715025	TH-70A		
T2202715026	Keene		
T2202715028	TH-64		
T2202715029	TH-83		
T2202715030	TH-68		

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Workorder: SELF Semi-Annual (T2202715)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/10424 - SM 4500-CI-E			
T2202715031	TH-36A		
T2202715032	TH-57		
T2202715033	Duplicate		
T2202715034	TH-19		
WCAI/10498 - SM 2540D			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		
WCAI/10520 - DEP SOP 10/03/83			
T2202715036	Mine Cut 1D		
T2202715037	3B2B		
T2202715038	3C2C		
T2202715039	3A		
T2202715040	Duplicate		
T2202715041	EQ BLANK		
WCAI/10642 - SM 4500-CI-E			
T2202715018	TH-67		
T2202715019	TH-79		
T2202715021	TH-66A		

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☐ Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.953.9350 • Lab ID: E82574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 904.218.6274 • Lab ID: E611095

Page 1 of 2
☐ Gainesville: 4865 SW 41st Blvd. FL 32608 • 352.377.2349 • Lab ID: E82001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.869.2288 • Lab ID: E82535
☒ Tampa: 9510 Process Palm Ave., FL 33619 • 813.630.2618 • Lab ID: E84589

Client Name: Hills. Co. Public Utilities

Project Name: SELF Semi-Annual

Address: 332 North Falkenberg 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 Townsend

Sampled By: M. Nielsen / K. Smithoff

Special Instructions:

Turn Around Time: Standard Rush

AEI Profile #

ADAPT

EQUIS

Other

SAMPLE ID

SAMPLE DESCRIPTION

Grab Comp

DATE

TIME

MATRIX

NO. COUNT

Preservation

Facility

Trained?

ANALYSIS REQUIRED

BOTTLE SIZE & TYPE

40 CFR Part 258 Appendix

Fe, Hg, Na

Total Ammonia-N

Nitrate

Chloride

TDS

LABORATORY I.D. NUMBER

001

002

003

004

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006

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☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811085

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☐ Jacksonville: 6681 Southpoint Pkwy., FL 32216 • 904.353.9550 • Lab ID: ES2574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: ES11095

☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: ES2001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: ES2335
☒ Tampa: 9610 Pinellas Palm Ave., FL 33619 • 813.630.9616 • Lab ID: ES4539

Client Name: Hills. Co. Public Utilities		Project Name: SELF Semi-Annual		BOTTLE SIZE & TYPE															
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		Special Instructions:																	
Sampled By: M. Morales / K. Sweeney																			
Turn Around Time: Standard		Rush																	
AEL Profile #		ADAPT		EQUIS		Other													
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED												
			DATE	TIME															
	1013 Block		2/10/12	1		1	40 CFR Part 258 Appendix I												
	TH - 65		2/10/12	854	GW	8													Fe, Hg, Na
	TH - 69 A		2/10/12	928	GW	8	Total Ammonia-N												
	Field Block		2/10/12	940	PT	8													Nitrate
	TH - 71 A		2/10/12	1631	GW	8	Chloride												
	Duplicate		2/10/12	1	GW	8													TDS
	TH - 67		2/10/12	1110	GW	8													
	TH - 79		2/10/12	1031	GW	8													
	TH - 66		2/10/12	935	GW	8													
	TH - 66 A		2/10/12	900	GW	8													
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water B = 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 ☐ When required, pH checked							Temp. when received (observed) _____ °C Temp. when received (corrected) _____ °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	1013		2/10/12	1325		8/10/12	1325												
2																			
3																			

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID: _____
Contact Person: _____
Supplier of Water: _____
Site Address: _____

LABORATORY I.D. NUMBER



☐ Gainesville: 4665 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: EG2001

☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2298 • Lab ID: EG2535

☐ Tampa: 5610 Princess Palm Ave., FL 33619 • 813.630.5616 • Lab ID: EG4589

Date | 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		Special Instructions:	
Sampled By: N. M. M. / K. Swift			
Turn Around Time: Standard		Rush	
AEL Profile #:		ADAPT	
SAMPLE ID		SAMPLE DESCRIPTION	
		Grab Comp	
		SAMPLING DATE TIME	
		MATRIX	
		NO. COUNT	
		PRESERVATION FIELD FILLED?	
		ANALYSIS REQUIRED	
		40 CFR Part 258 Appendix	
		Fe, Hg, Na	
		Total Ammonia-N	
		Nitrate	
		Chloride	
		TDS	
		LABORATORY I.D. NUMBER	

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) 4 °C Temp. when received (corrected) 4 °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. M. A. 2/11/22 1315 J. M. A. 2/11/22 1317			
2.			
3.			
4.			

FOR DRINKING WATER USE:	
(When PWS information not otherwise supplied) PWS ID:	
Contact Person:	
Supplier of Water:	
Site Address:	



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☐ Fort Myers: 13100 Westchase Tampa, Ste. 10, FL 33913 • 239.574.8130 • Lab ID: E54492
☐ Jacksonville: 5681 Sandpoint Pkwy., FL 32216 • 904.363.3350 • Lab ID: E52574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.218.6274 • Lab ID: E511005

☐ Gainesville: 4655 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E50001
☐ Miramar: 10200 USA Today Way, FL 33025 • 854.859.2238 • Lab ID: E52555
☒ Tampa: 5610 Process Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E54559

Page 1 of 1

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 Townsend

Sampled By:

Special Instructions:

Turn Around Time: Standard Rush

AEL Profile #:

ADAPT EQUIS Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT
			DATE	TIME		

Preservation Field-Filled?

ANALYSIS REQUIRED						BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER					
-------------------	--	--	--	--	--	--------------------	------------------------	--	--	--	--	--

TH - Black	2/9/22					1	40 CFR Part 258 Appendix I						021
TH - 64	2/9/22	1006				8	Fe, Hg, Na						028
TH - 83	2/9/22	1010				8	Total Ammonia-N						029
TH - 68	2/9/22	1047				8	Nitrate						030
TH - 36A	2/9/22	1242				8	Chloride						031
TH - 57	2/9/22	1324				8	TDS						032
TH - 19	2/9/22	1142				8							033

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Received on ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked
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
Temp. when received (observed) 4 °C Temp. when received (corrected) 4 °C
Preservation Code: I = Ice H = HCl S = H2SO4 N = HNO3 T = Sodium Thiosulfate

Relinquished by: Date Time Received by: Date Time

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID:
Contact Person:
Supplier of Water:
Site Address:

1 11/11/22 2/9/22 1448 01/1/22 1448
2
3
4



Advanced
Environmental Laboratories, Inc.

☐ Altamonte Springs: 360 Northlake Blvd., Ste. 1046, FL 32701 • 407.937.1594 • Lab ID: E83076

☐ Fort Myers: 13100 Westlakes Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84462

☐ Jacksonville: 6661 Southpoint Pkwy., FL 32216 • 904.383.9350 • Lab ID: E82574

☐ Tallahassee: 2635 North Monroe St., Suite D, FL 32303 • 850.216.6274 • Lab ID: E811095

Page 2 of 2

☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2345 • 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: E84559

Client Name: Hills Co. Public Utilities		Project Name: SELF Semi-Annual							
Address: 332 North Falkenburg Rd Tampa, FL 33619		Project Number: N/A PO Number: N/A							
Phone: (813) 663-3222		FDEP Facility No.:							
FAX: (813) 274-6801		FDEP Facility Addr: 15960 CR 672							
Contact: Michael Townsend		Special Instructions:							
Sampled By: M. M. Soles / K. S. Smith		Turn Around Time: Standard Rush							
AEL Profile #:		ADAPT EQUIS Other							
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
			DATE	TIME					
1	Top Blank	✓	2/7/12	✓	✓	1	Chlorophyll A		0310000
2	Mine Cut - 1D	✓	2/7/12	940	GL	13	Nitrogen		0370000
3	3B2B	✓	2/7/12	1050	GL	13	COD		0380000
4	3C2C	✓	2/7/12	1015	GL	13			0390000
5	3A	✓	2/7/12	1115	GL	13			0400000
6	DONORATE	✓	2/7/12	✓	GL	13			0410000
7	Field Blank	✓	2/7/12	920	L	L			0420000

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on ice ☒ Yes ☐ No Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked

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	✓	2/7/12	1415	✓	2/7/12	1415
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: Field Blank	SAMPLE ID: Field Blank	DATE: 2/8/22

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) $= (\text{N/A} \text{ feet} - \text{N/A} \text{ feet}) \times \text{N/A} \text{ gallons/foot} = \text{N/A} \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A} \text{ gallons} + (\text{N/A} \text{ gallons/foot} \times \text{N/A} \text{ feet}) + \text{N/A} \text{ gallons} = \text{N/A} \text{ gallons}$				
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)
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: M. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 920		SAMPLING ENDED AT: 925	
PUMP OR TUBING DEPTH IN WELL (feet): N/A				TUBING MATERIAL CODE: N/A				FIELD-FILTERED: Y ☒ N		FILTER SIZE: 1 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; RFP = 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)

GROUNDWATER SAMPLING LOG

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:			
PUMP OR TUBING				TUBING			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm			
DEPTH IN WELL (feet): 90				MATERIAL CODE: T			Filtration Equipment Type:					
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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
SEE COC FOR ANALYSIS							VOC					
REMARKS: ORP: 951 (-66.7) 1604 (-92.9) 1017 (-98.9)												
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...												

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24

SITE NAME: Southeast County Landfill

SITE
LOCATION: Lithia, Florida

WELL NO: TH-40

SAMPLE ID: TH-40

DATE: 2/8/2022

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): 92-87	PURGE PUMP TYPE OR BAILER: BP
------------------------------	----------------------------------	---	--	----------------------------------

DIAMETER (inches): 2 DIAMETER (inches): 5/8

WELL VOLUME SURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

$$= (165.9 \text{ feet} - 92.87 \text{ feet}) \times 0.16 \text{ gallons/foot} = 11.68 \text{ gallons}$$
$$\text{EQUIPMENT VOLUME PURGE} = 1 \text{ EQUIPMENT VOL} = \text{PUMP VOLUME} + (\text{TUBING CAPACITY} \times \text{TUBING LENGTH}) + \text{FLOW CELL VOLUME}$$

(only fill out if applicable) $\frac{\text{N/A gallons} \div \text{N/A gallons/foot}}{\text{N/A feet}} \times \text{N/A gallons} = \text{N/A gallons}$

INITIAL PUMP OR TUBING	FINAL PUMP OR TUBING	PURGING INITIATED AT: 0915	PURGING ENDED AT: 0948	TOTAL VOLUME PURGED (gallons): 20.82
DEPTH IN WELL (feet): 117	DEPTH IN WELL (feet): 117			

[illegible]

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

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: V. Smirnov				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0948	SAMPLING ENDED AT: 0950	
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			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		
SEE COC FOR ANALYSIS									
REMARKS: ORP: 0933 (64.8) 0938 (61.1) 0943 (63.2) 0948 (64.5)									
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

SEE COC FOR ANALYSIS

REMARKS: ORP: 0933 (64.8) 0938 (61.1) 0943 (63.2) 0948 (64.5)

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;
 RFPF = 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.

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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/8/22	

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): 28.33	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) = (32.92 feet - 28.33 feet) X 0.16 gallons/foot = 73 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: 1032	PURGING ENDED AT: 1044	TOTAL VOLUME PURGED (gallons): 1.2

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)
1040	0.8	0.8	0.1	28.58	7.88	23.4	704	4.60	6.48	Clear	None
1042	0.2	1.0	0.1	28.58	7.69	23.5	697	4.61	4.48	Clear	None
1044	0.2	1.2	0.1	28.58	7.72	23.5	689	3.66	6.75	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. Moates				SAMPLER(S) SIGNATURE(S): M. Moates				SAMPLING INITIATED AT: 1044		SAMPLING ENDED AT: 1049	
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				INTENDED ANALYSIS AND/OR METHOD		SAMPLING / EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC		SAMPLE PUMP FLOW RATE (mL per minute)		
									400		
SEE COC FOR ANALYSIS											

REMARKS: ORP: 1040 (66.4) 1042 (63.1) 1044 (58.6)

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-22A	SAMPLE ID: TH-22A
DATE: 2/8/2022	

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): 5.11	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 - 5.11 feet) X 0.16 gallons/foot = 3.64 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): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 1026	PURGING ENDED AT: 1048	TOTAL VOLUME PURGED (gallons): 5.44

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	3.64	3.64	0.26	5.61	5.13	20.4	174.1	1.47	2.78	clear	None
1044	0.75	4.39	0.26	5.61	4.96	20.3	174.1	1.05	3.37	clear	None
1048	0.75	5.14	0.26	5.61	4.79	20.3	175.3	1.12	4.01	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: K. Smirnov				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLING INITIATED AT: 1048		SAMPLING ENDED AT: 1049	
PUMP OR TUBING DEPTH IN WELL (feet): 19				TUBING MATERIAL CODE: T				FIELD-FILTERED: Y (N) FILTER SIZE: _____ μm		Filtration Equipment Type: _____	
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			
SEE COC FOR ANALYSIS							VOC		

REMARKS: ORP: 1040 (119.7) 1044 (122.3) 1048 (128.1)

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: 2/8/22

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): 92.34	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 - 92.34 feet) X 0.16 gallons/foot = 15.63 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: 1110		PURGING ENDED AT: 1301		TOTAL VOLUME PURGED (gallons): 27.75			
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)
1213	15.75	15.75	0.25	93.22	9.18	23.2	1018	2.49	2.99	Clear	None
1229	4	19.75	0.25	93.22	8.63	23.2	427.5	2.33	5.97	Clear	None
1245	4	23.75	0.25	93.22	8.06	23.3	418.4	2.47	3.0P	Clear	None
1301	4	27.75	0.25	93.22	8.01	23.2	416.1	2.53	2.11	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. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 1301		SAMPLING ENDED AT: 1306	
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				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC		1		SAMPLE PUMP FLOW RATE (mL per minute) 400
SEE COC FOR ANALYSIS											
REMARKS: ORP: 1213 (-3.8) 1229 (-38.4) 1245 (-57.1) 1301 (-75.5)											
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; RFPF = 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: 2/2/22

PURGING DATA

WELL NO: 11-25A		PURGING DATA					STATIC DEPTH TO WATER (feet): 28.11		PURGE PUMP TYPE OR BAILER: BP		
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 1/2		WELL SCREEN INTERVAL DEPTH: 24.3 ft to 34.3 ft							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (34.3 feet - 28.11 feet) X 0.16 gallons/foot = 0.99 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: 1315		PURGING ENDED AT: 1329		TOTAL VOLUME PURGED (gallons): 1.4			
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)
1325	1	1	0.1	28.52	7.22	21.4	559	3.82	4.92	Clear	None
1327	0.2	1.2	0.1	28.52	7.15	21.5	560	1.99	5.05	Clear	None
1329	0.2	1.4	0.1	28.52	7.12	21.6	560	1.94	4.4	Clear	None
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 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" = 0.0028; 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

PURGING EQUIPMENT CODES:										SAMPLER(S) SIGNATURE(S):										SAMPLING INITIATED AT:										SAMPLING ENDED AT:																			
PUMP OR TUBING										TUBING										FIELD-FILTERED: Y ☒ N ☒										FILTER SIZE: _____ µm																			
DEPTH IN WELL (feet): 33.3										MATERIAL CODE: T										Filtration Equipment Type:																													
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																																			
SEE COC FOR ANALYSIS																																																	
REMARKS: ORP: 1325 (-18.3) 1327 (24.6) 1329 (24.6)																																																	
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; RFPF = 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. CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 9)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-20B		DATE: 2/8/2022	

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): 10.19
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY		PURGE PUMP TYPE OR BAILER: BP	
= (22.8 feet - 10.19 feet) X 0.16 gallons/foot = 2.02 gallons			
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME			
= gallons + (gallons/foot X feet) + gallons = 3.22 gallons			

(only fill out if applicable)		=		gallons + (		gallons) ÷ (							
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19				FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19				PURGING INITIATED AT: 1119		PURGING ENDED AT: 1129		TOTAL VOLUME PURGED (gallons): 3.22	
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 μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)		
1125	2.22	2.22	0.37	11.61	5.41	21.9	326.1	0.58	3.93	clear	None		
1127	0.54	2.76	0.37	11.57	5.39	21.7	326.0	0.37	3.26	clear	None		
1129	0.54	3.30	0.37	11.57	5.40	21.7	325.9	0.54	3.60	clear	None		
3.71 11/2/22 KS 2/2/22													
2" = 0.27; 4" = 0.66; 5" = 1.02; 6" = 1.47; 12" = 5.88													

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)

SAMPLED BY (PRINT) / AFFILIATION: K. Swirner				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1129		SAMPLING ENDED AT: 1130	
PUMP OR TUBING DEPTH IN WELL (feet): 19				TUBING MATERIAL CODE: T				FIELD-FILTERED: Y (N)		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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC				
SEE COC FOR ANALYSIS											

REMARKS: **ORP: 1125 (81.3) 1127 (82.0) 1129 (83.6)**

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-61	SAMPLE ID: TH-61	DATE: 2/8/2022	

PURGING DATA

PURGING DATA											
WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 1/2		DEPTH: 15.9 ft to 25.9 ft		TO WATER (feet): 17.88		OR BAILER: BP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (25.9 \text{ feet} - 17.88 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.28 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$											
INITIAL PUMP OR TUBING		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME			
DEPTH IN WELL (feet): 24.9		DEPTH IN WELL (feet): 24.9		INITIATED AT: 1205		ENDED AT: 1217		PURGED (gallons): 2.04			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1213	0.36	1.36	0.67	18.4	5.66	23.2	315.5	4.54	5.20	clear	None
1215	0.34	1.7	0.17	18.4	5.79	24.1	312.2	6.42	4.62	clear	None
1217	0.34	2.04	0.17	18.3	5.65	23.8	311.8	4.74	4.93	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

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: K. Smirnov				SAMPLER(S) SIGNATURE(S): [Signature]			SAMPLING INITIATED AT: 1217		SAMPLING ENDED AT: 1217
PUMP OR TUBING				TUBING		FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
DEPTH IN WELL (feet): 24.9				MATERIAL CODE: T		Filtration Equipment Type:			
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			
SEE COC FOR ANALYSIS							VOC		
REMARKS: ORP: 1213 (37.1) 1215 (38.2) 1217 (35.7)									
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 = Bailor; 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/8/2022	

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): 16-9	PURGE PUMP TYPE OR BAILER: BP
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

(only fill out if applicable)

$$= (23.18 \text{ feet} - 16.9 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.00 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

(only fill out if applicable)

$$= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$$

INITIAL PUMP OR TUBING	FINAL PUMP OR TUBING	PURGING INITIATED AT: 1246	PURGING ENDED AT: 1254	TOTAL VOLUME PURGED (gallons): 2.00
DEPTH IN WELL (feet): 22.18	DEPTH IN WELL (feet): 22.18			

[illegible]

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: V. Swenson	SAMPLER(S) SIGNATURE(S): V. Swenson	SAMPLING INITIATED AT: 1254	SAMPLING ENDED AT: 1255
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PUMP OR TUBING	TUBING	FIELD-FILTERED: <u>Y</u> <u>N</u>	FILTER SIZE: _____ μ m
DEPTH IN WELL (feet): <u>22.18</u>	MATERIAL CODE: <u>T</u>	Filtration Equipment Type: _____	

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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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		
SEE COC FOR ANALYSIS									

REMARKS: ORP: 1250 (44.0) 1252 (43.2) 1254 (41.1)

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-65	SAMPLE ID: TH-65		DATE: 2/10/22

PURGING DATA

WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 1/2		DEPTH: 13 ft to 23 ft		TO WATER (feet): 14.19		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 - 14.19 feet) X 0.16 gallons/foot = 1.41 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		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME			
DEPTH IN WELL (feet): 22		DEPTH IN WELL (feet): 22		INITIATED AT: 8:42		ENDED AT: 8:54		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)
8:50	1.6	1.6	.2	14.82	5.45	19.2	203.7	3.81	5.26	Clear	Slight
8:52	.4	2.0	.2	14.82	5.41	19.1	206.9	3.88	3.82	Clear	Slight
8:55	.4	2.4	.2	14.82	5.32	19.0	204.5	3.66	5.08	Clear	Slight
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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 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

[illegible]

REMARKS: ORP: 850 (3.5) 852 (3.3) 854 (2.4)

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/10/22	

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): 25.24	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) = (35 feet - 25.24 feet) X 0.16 gallons/foot = 1.56 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: 916	PURGING ENDED AT: 928	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)
924	1.6	1.6	.2	25.38	6.06	25.5	474.1	3.52	8.10	Clear	None
926	.4	2.0	.2	25.38	6.07	25.5	474.0	3.51	8.01	Clear	None
928	.4	2.4	.2	25.38	6.06	25.5	475.1	3.72	5.90	Clear	None

M.M.
2/10/22

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. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 928		SAMPLING ENDED AT: 933	
PUMP OR TUBING DEPTH IN WELL (feet): 32				TUBING MATERIAL CODE: T		FIELD-FILTERED: Y ☒ N ☐			FILTER SIZE: ____ μm		
FIELD DECONTAMINATION: PUMP Y ☒ 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			400	
SEE COC FOR ANALYSIS											

REMARKS: ORP: 924 (-16.8) 926 (-13.1) 928 (-7.2)

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; RFPF = 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: 2/10/22	

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A	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) $= (\text{N/A feet} - \text{N/A feet}) \times 0.16 \text{ gallons/foot} = \text{N/A gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$				
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)												
M.M. 2/10/22 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" = 0.0008; 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. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 940		SAMPLING ENDED AT: 945	
PUMP OR TUBING DEPTH IN WELL (feet): N/A				TUBING MATERIAL CODE: N/A				FIELD-FILTERED: Y ☒ N		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			
							SEE C.O.C. FOR SAMPLE ANALYSIS		

REMARKS: **SEE C.O.C. FOR SAMPLE ANALYSIS**

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: 2/10/22	

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): 23.18	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 - 23.18 feet) X 0.16 gallons/foot = 2.34 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: 1003		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):	
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)
1015	2.4	2.4	.2	23.18	5.98	24.2	1582	2.22	37.6	Clear	No odor
1017	.4	2.8	.2	23.18						Clear	No odor
1019	.4	3.2	.2	23.18						Clear	No odor
1027	2.4	4.8	.2	23.18	5.98	24.2	1571	2.90	15.8	Clear	No odor
1029	.4	5.2	.2	23.18	5.98	24.2	1572	2.68	16.1	Clear	No odor
1031	.4	5.6	.2	23.18	5.98	24.1	1576	2.63	19.1	Clear	No odor
M. Morales 2/10/22											

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. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 1031		SAMPLING ENDED AT: 1036	
PUMP OR TUBING DEPTH IN WELL (feet): 35				TUBING MATERIAL CODE: T		FIELD-FILTERED: Y (N)			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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC		SAMPLE PUMP FLOW RATE (mL per minute)		
SEE COC FOR ANALYSIS											
REMARKS: ORP: 1015 (-29.3) 1027 (-27.2) 1029 (-27.3) 1031 (-27.8)											
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: Duplicate	SAMPLE ID: Duplicate	DATE: 2/10/22	

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)				
$= (\quad \text{feet} - \quad \text{feet}) \times 0.16 \frac{\text{gallons}}{\text{foot}} = \quad \text{gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
$= \quad \text{gallons} + (\quad \text{gallons/foot} \times \quad \text{feet}) + \quad \text{gallons} = \quad \text{gallons}$				

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)
M.M. 2/10/22 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" = 0.0008; 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

[illegible]

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (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: 2/10/22	

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): 6.79	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) $= (15.25 \text{ feet} - 6.79 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.35 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$				

INITIAL PUMP OR TUBING			FINAL PUMP OR TUBING			PURGING INITIATED AT: 1059		PURGING ENDED AT: 1114		TOTAL VOLUME PURGED (gallons): 1.95	
DEPTH IN WELL (feet): 14.25			DEPTH IN WELL (feet): 14.25								
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 μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % Saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1110	1.43	1.43	0.13	7.21	6.23	21.7	516.1	1.42	5.13	Clear	None
1112	0.26	1.69	0.13	7.91	6.24	21.8	516.4	1.34	4.03	Clear	None
1114	0.26	1.95	0.13	7.91	6.22	21.8	517.8	0.84	4.07	Clear	None
KS 2/10/22											

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: K. Saicoff				SAMPLER(S) SIGNATURE(S):				SAMPLING INITIATED AT: 1110		SAMPLING ENDED AT: 1115	
PUMP OR TUBING DEPTH IN WELL (feet): 14.25				TUBING MATERIAL CODE: T		FIELD-FILTERED: Y N FILTER SIZE: _____ μm				Filtration Equipment Type:	
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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					SAMPLE PUMP FLOW RATE (mL per minute)
SEE COC FOR ANALYSIS							VOC				400

REMARKS: ORP: 1110 (35.3) 1112 (34.7) 1114 (33.6)											
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-79	SAMPLE ID: TH-79	DATE: 2/10/22	

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): 7.95	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 - 7.95 feet) X 0.16 gallons/foot = 1.58 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: 1014	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 2.21

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)
1027	1.69	1.69	0.13	9.91	5.54	21.6	419.7	2.20	6.64	Cloudy	None
1029	0.26	1.95	0.13	9.91	5.54	21.7	421.9	1.98	7.10	Cloudy	None
1031	0.26	2.21	0.13	9.91	5.56	21.7	422.3	2.72	7.46	Cloudy	None

KS
2/10/22

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: K. Smirnov		SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT: 1031	SAMPLING ENDED AT: 1036
PUMP OR TUBING DEPTH IN WELL (feet): 16.80		TUBING MATERIAL CODE: T	FIELD FILTERED: Y ☒ (N)	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			
SEE COC FOR ANALYSIS							VOC		400

REMARKS: ORP: 1027 (95.3) 1029 (95.7) 1031 (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-66	SAMPLE ID: TH-66	DATE: 2/10/22	

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): 9.06	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)				

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (21.30 \text{ feet} - 9.06 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.96 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

$$= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 0924	PURGING ENDED AT: 935	TOTAL VOLUME PURGED (gallons): 3-3
--	--	-------------------------------	--------------------------	---------------------------------------

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)
0931	2.1	2.1	0.3	9.61	5.88	23.3	204.1	1.08	7.84	clear	None
0933	8.6	2.7	0.3	9.61	5.90	23.4	203.9	0.92	5.75	clear	None
0935	0.6	3.3	0.3	9.61	5.79	23.5	199.9	0.85	4.44	clear	None
KS 2/10/22											

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 = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

REMARKS: **ORP:** 0931 (48.0) 0933 (47.8) 0935 (50.4)

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 = Bailor; 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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-66A	SAMPLE ID: TH-66A	DATE: 2/10/22	

PURGING DATA

WELL		TUBING	WELL SCREEN INTERVAL		STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER: BP				
DIAMETER (inches): 2		DIAMETER (inches): 1/2	DEPTH: 5.37 ft to 15.37 ft		9.77						
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (15.37 feet - 9.77 feet) X 0.16 gallons/foot = 0.89 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			FINAL PUMP OR TUBING			PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):	
DEPTH IN WELL (feet): 14.37			DEPTH IN WELL (feet): 14.37			0855		908		1.69	
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)
0902	0.31	0.91	0.13	10.51	6.78	21.0	246.9	0.46	3.76	Clear	None
0904	0.26	1.17	0.13	10.53	6.43	21.1	249.8	0.75	2.94	Clear	None
0906	0.26	1.43	0.13	10.53	6.30	21.1	251.5	0.55	1.98	Clear	None
0908	0.26	1.69	0.13	10.53	6.22	21.1	252.8	0.45	4.59	Clear	None
NA-MK-5 2/10/22											
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: <i>K. Smirnov</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>908</i>		SAMPLING ENDED AT: <i>913</i>	
PUMP OR TUBING				TUBING			FIELD-FILTERED: Y <i>(N)</i>		FILTER SIZE: _____ µm	
DEPTH IN WELL (feet): <i>14.37</i>				MATERIAL CODE: <i>T</i>			Filtration Equipment Type:			
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>				TUBING Y <i>(N)</i> (replaced)			DUPLICATE: Y <i>(N)</i>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC			
SEE COC FOR ANALYSIS										
REMARKS: ORP: <i>0902 (-37.7) 0904 (-40.4) 0906 (-44.8) 0908 (-46.4)</i>										
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 = Baller; 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: Holland	SAMPLE ID: Holland	DATE: 2/11/22	

PURGING DATA

PURGING DATA									
WELL DIAMETER (inches):		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)									
$= (\text{N/A feet} - \text{N/A feet}) \times \text{N/A gallons/foot} = \text{N/A gallons}$									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)									
$= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$									
INITIAL PUMP OR TUBING		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME	
N/A		N/A		N/A		N/A		N/A	
DEPTH IN WELL (feet):		DEPTH IN WELL (feet):		INITIATED AT:		ENDED AT:		PURGED (gallons):	
N/A		N/A		N/A		N/A		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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
942	N/A	N/A	N/A	N/A	7.08	13.4	328.5	1.13	1.15	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 = Bailor; BB = Bladder Pump; FBP = Foam-Baiting Purge;

SAMPLING DATA

[illegible]

REMARKS: SEE COC FOR ANALYSIS ORP: 942 (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 = Bailor; 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:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24

SITE
NAME: Southeast County Landfill

SITE
LOCATION Lithia, Florida

WELL NO: Barnes

SAMPLE ID: Barnes

DATE _____

2/11/22

PURGING DATA				
WELL DIAMETER (inches):	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)				

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

PURGE PUMP TYPE
OR BAILER: Valve

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

INITIAL PUMP OR TUBING	FINAL PUMP OR TUBING	gallons + (	gallons/foot X	feet) +	gallons =	gallons
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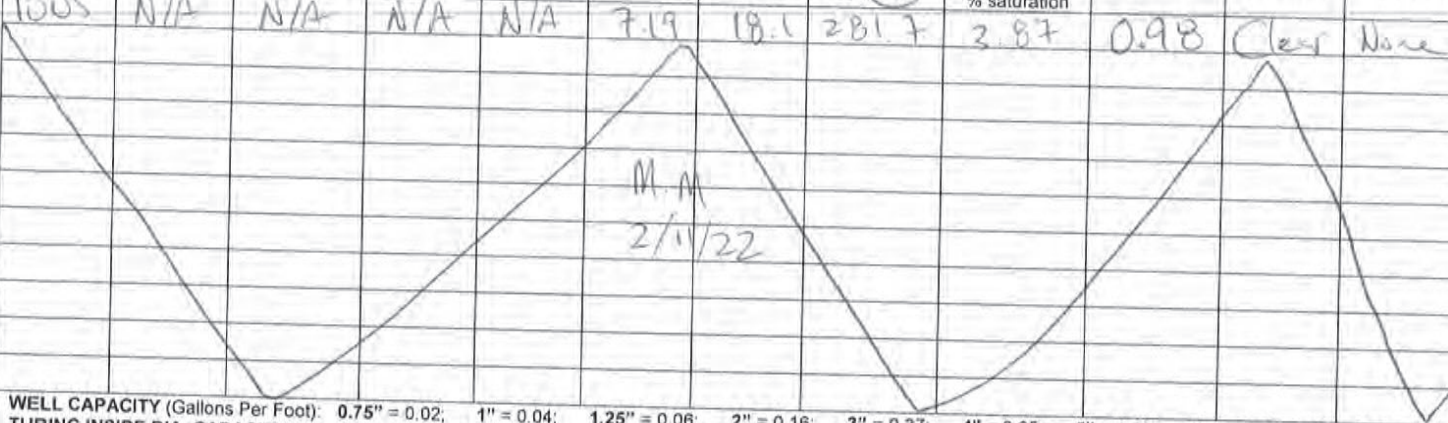
INITIAL PUMP OR TUBING
DEPTH IN WELL (feet):

FINAL PUMP OR TUBING
DEPTH IN WELL (feet):

PURGING
INITIATED AT: N/A

PURGING
ENDED AT: *N/A*

TOTAL VOLUME
PURGED (gallons): *N/A*

[illegible]

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 = Bailers; BB = Blowers

PURGING EQUIPMENT CODES: B = Bailer, BP = Bladder Pump, ESP = Electric Submersible Pump, PP = Peristaltic Pump, O = Other (Specify)

SAMPLING DATA					
SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) SIGNATURE(S)		SAMPLING	SAMPLING
M. M.	...	[Signature]	[Signature]	...	...

SAMPLED BY (PRINT) / AFFILIATION:

SAMPLER(S) SIGNATURE(S)

SAMPLING INITIATED AT: 1005

SAMPLING
ENDED AT: 1010

PUMP OR TUBING
DEPTH IN WELL (feet)

TUBINGMATERIAL CODE:

FIELD-FILTERED: Y (N)
Filtration Equipment Type:

FILTER SIZE: _____ μm

FIELD DECONTAMINATION: PUMP Y (N)

TUBING	Y	(N (replaced))
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DUPLICATE: Y ☒ N

SAMPLE CONTAINER SPECIFICATION

SAMPLE PRESERVATION

INTENDED

SAMPLING

SAMPLE PLUMB

[illegible]

REMARKS: SEE COC FOR ANALYSIS

ORP: 1005 (134.5)

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. Dissolved Oxygen: + 0.2 mg/L.

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/11/22	

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): 26.44	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 - 26.44 feet) X 0.16 gallons/foot = 1.62 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		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33		PURGING INITIATED AT: 1028		PURGING ENDED AT: 1138		TOTAL VOLUME PURGED (gallons): 8.4			
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)
1042	1.68	1.68	1.2	27.13	6.47	25.4	489.4	2.88	647	RED	None
1056	1.68	3.36	1.2	27.13	6.49	25.7	475.1	3.62	298	RED	None
1110	1.68	5.04	1.2	27.13	6.55	25.4	462.5	3.97	258	Red	None
1124	1.68	6.72	1.2	27.13	6.66	25.3	452.9	5.71	165	Red	None
1138	1.68	8.4	1.2	27.13	6.68	25.5	448.4	5.82	137	Red	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. Morales / K. Smith				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 1138		SAMPLING ENDED AT: 11:45	
PUMP OR TUBING DEPTH IN WELL (feet): 33				TUBING MATERIAL CODE: T				FIELD-FILTERED: Y ☒ (N) ☐		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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC		SAMPLE PUMP FLOW RATE (mL per minute)		
SEE COC FOR ANALYSIS											
DRP: 1138 (39.4)											

REMARKS: **ORP: 1042 (-17.9) 1056 (4.8) 1110 (20.8) 1124 (31.4)**

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		16617 CWTY Rd 672
WELL NO: Keene		SAMPLE ID: Keene		DATE: 2/11/22

PURGING DATA

PURGING DATA											
WELL DIAMETER (inches):		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)
1215	N/A	N/A	N/A	N/A	7.14	23.1	340.0	0.41	1.03	Clear	None
M M 2/11/22											
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" = 0.0028; 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:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING				TUBING			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ µm	
DEPTH IN WELL (feet): N/A				MATERIAL CODE: N/A			Filtration Equipment Type:			
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: 1215 (91.2)			
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 = Bailor; 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:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/9/2022	

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): 17.65	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 - 17.65 feet) X 0.16 gallons/foot = 0.88 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: 0945	PURGING ENDED AT: 1006	TOTAL VOLUME PURGED (gallons): 2.73

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)
0952	0.91	0.91	0.13	17.82	5.88	24.3	207.2	2.85	31.2	Yellow	None
0954	0.26	1.17	0.13	17.81	5.24	24.8	204.3	2.72	27.1	Yellow	None
0956	0.26	1.43	0.13	17.81	5.07	24.8	203.9	2.72	22.3	Yellow	None
0958	0.26	1.69	0.13	17.81	5.00	24.9	202.5	2.82	21.2	Yellow	None
1000	0.26	1.95	0.13	17.82	4.82	25.1	202.2	2.53	22.4	Yellow	None
1002	0.26	2.21	0.13	17.81	4.76	25.2	201.1	2.54	3.76	Cloudy	None
1004	0.26	2.47	0.13	17.83	4.71	25.1	200.7	2.58	10.15	Cloudy	None
1006	0.26	2.73	0.13	17.81	4.71	25.2	200.9	2.03	10.13	Cloudy	None
1008											

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" = 0.008; 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: K. Smirnov		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 1006	SAMPLING ENDED AT: 1007
PUMP OR TUBING DEPTH IN WELL (feet): 22.17		TUBING MATERIAL CODE: T	FIELD-FILTERED: Y ☒ N ☐	FILTER SIZE: 10 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			
SEE COC FOR ANALYSIS							VOC		400

REMARKS: **ORP:** 0952 (164.8) 0954 (153.9) 0956 (140.1) 0958 (141.2) 1000 (123.7)
 1002 (117.1) 1004 (114.1) 1006 (111.4)

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; RFP = 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: 2/9/22	

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): 9.05	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 - 9.05 feet) X 0.16 gallons/foot = 1.03 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: 955	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

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)
10:06	1.1	1.1	1	9.05	6.25	18.7	534	6.61	2.84	Clear	None
10:08	2	1.3	1	9.05	6.22	18.8	564	7.24	2.39	Clear	None
10:10	2	1.5	1	9.05	6.30	18.9	565	6.94	4.10	Clear	None

M. M. 2/9/22

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. Morales		SAMPLER(S) SIGNATURE(S): M. Morales		SAMPLING INITIATED AT: 10:10	SAMPLING ENDED AT: 11:00
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 ☒ TUBING Y: ☒ (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			
							VSC		400

REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS ORP: 10:06 (122.1) 10:08 (20.9) 10:10 (11.5)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = Alter Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = 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)

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-68		SAMPLE ID: TH-68	
		DATE: 2/9/2022	

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): 13.85	PURGE PUMP TYPE OR BAILER: BP
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DIAMETER (inches): 2 DIAMETER (inches): 1 1/2

WELL VOLUME SURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

$$= (22.2 \text{ feet} - 13.85 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.34 \text{ gallons}$$
$$\text{EQUIPMENT VOLUME BURGE: 1 EQUIPMENT VOL} = \text{PUMP VOLUME} + (\text{TUBING CAPACITY} \times \text{TUBING LENGTH}) + \text{FLOW CELL VOLUME}$$

(only fill out if applicable) $\frac{\text{N/A}}{\text{gallons}} + \left(\frac{\text{N/A}}{\text{gallons/foot}} \times \frac{\text{N/A}}{\text{feet}} \right) + \frac{\text{N/A}}{\text{gallons}} = \frac{\text{N/A}}{\text{gallons}}$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.2	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1047	TOTAL VOLUME PURGED (gallons): 2.21
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DEPTH IN WELL (feet): 21.2			DEPTH IN WELL (feet): 21.2			DEPTH IN WELL (feet): 21.2			DEPTH IN WELL (feet): 21.2		
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)
1041	1.43	1.43	0.13	18.1	5.20	25.5	177.2	2.34	56.9	cloudy	None
1043	0.26	1.69	0.13	18.1	5.34	25.0	175.6	2.40	19.0	cloudy	None
1045	0.26	1.95	0.13	18.2	5.37	25.1	175.3	2.71	19.4	cloudy	None
1047	0.26	2.21	0.13	18.2	5.32	24.9	175.4	2.76	19.7	cloudy	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

SAMPLING DATA			
SAMPLED BY (PRINT) / AFFILIATION: K Smirnov	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1047	SAMPLING ENDED AT: 1048

PUMP OR TUBING	TUBING	FIELD-FILTERED: Y (N)	FILTER SIZE: _____ μ m
DEPTH IN WELL (feet): 21.2	MATERIAL CODE: T	Filtration Equipment Type:	

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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[illegible]

REMARKS: ORP: 1041 (26.8) 1043 (26.4) 1045 (26.6) 1047 (27.1)

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** = Bailor; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPF = 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)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 4):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-36A	SAMPLE ID: TH-36A	DATE:	2/9/2022

PURGING DATA

WELL		TUBING	WELL SCREEN INTERVAL		STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER: BP					
DIAMETER (Inches): 2		DIAMETER (Inches): 1/2	DEPTH: 28.7 ft to 38.7 ft									
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (38.7 \text{ feet} - 32.4 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.00 \text{ gallons}$												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.7		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.7		PURGING INITIATED AT: 1232		PURGING ENDED AT: 1242		TOTAL VOLUME PURGED (gallons): 5.5				
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1236	4.10	41.0	0.25	32.71	6.37	25.0	228.9	1.46	4.10	clear	None	
1238	0.5	41.5	0.25	32.71	6.00	25.2	228.5	1.29	3.66	clear	None	
1240	0.5	42.0	0.25	32.71	5.89	25.2	228.5	1.23	2.76	clear	None	
1242	0.5	42.5	0.25	32.71	5.81	25.2	226.6	1.28	2.66	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:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING				TUBING		FIELD-FILTERED: Y (N)		FILTER SIZE: _____ µm		
DEPTH IN WELL (feet):				MATERIAL CODE: T		Filtration Equipment Type:				
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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
							VOC		400	
SEE COC FOR ANALYSIS										
REMARKS: ORP: 1236 (25.5) 1238 (24.1) 1240 (23.7) 1242 (25.1)										
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Sraw 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: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	DATE: 2/9/22
WELL NO: TH-57	SAMPLE ID: TH-57	

PURGING DATA

WELL	TUBING	WELL SCREEN INTERVAL DEPTH: 16.83 ft to 26.83 ft	STATIC DEPTH TO WATER (feet): 18.89	PURGE PUMP TYPE OR BAILER: BP
DIAMETER (inches): 2	DIAMETER (inches): 1/2			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (26.83 feet - 18.89 feet) X 0.16 gallons/foot = 1.27 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): 25.83			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.83			PURGING INITIATED AT: 1313		PURGING ENDED AT: 1324		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)
1320	1.4	1.4	0.2	19.15	5.21	27.3	199.2	4.35	7.61	Clear	Sulfur
1322	0.4	1.8	0.2	19.15	5.17	27.3	204.7	3.88	6.96	Clear	Sulfur
1324	0.4	2.2	0.2	19.15	5.15	27.4	205.3	4.31	5.45	Clear	Sulfur
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. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 1324		SAMPLING ENDED AT: 1330	
PUMP OR TUBING DEPTH IN WELL (feet): 25.83				TUBING MATERIAL CODE: T				FIELD-FILTERED: Y ☒ N		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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	VOC		SAMPLE PUMP FLOW RATE (mL per minute)		
									400		
SEE COC FOR ANALYSIS											
REMARKS: ORP: 1320 (0.27) 1322 (1.4) 1324 (2.8)											
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: Duplicate	SAMPLE ID: Duplicate DATE: 2/9/22

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: M. Morales				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: N/A		SAMPLING ENDED AT: 2/9/22	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:		FIELD-FILTERED: Y (N)			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 VOC	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)

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-19	SAMPLE ID: TH-19	DATE: 2/9/2022	

WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 5/8		DEPTH: 143.6 ft to 153.6 ft		TO WATER (feet):		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 - 100.49 feet) X 0.16 gallons/foot = 8.54 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: 1115		PURGING ENDED AT: 1142		TOTAL VOLUME PURGED (gallons): 14.31	
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)
1132	9.01	9.01	0.53	100.51	6.95	22.6	451.8	0.45	4.36	Clear	None
1137	2.65	11.66	0.53	100.55	7.02	22.5	451.2	0.49	4.41	Clear	None
1142	2.65	14.31	0.53	100.55	7.09	22.5	45.3	0.43	4.25	Clear	None
KS 2/9/22											
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)											

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
PUMP OR TUBING				TUBING			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ µm		
DEPTH IN WELL (feet):				MATERIAL CODE:			Filtration Equipment Type:				
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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
							VOC		400		
SEE COC FOR ANALYSIS											
REMARKS: ORP: 1132 (-3.9) 1137 (-3.9) 1142 (-4.5)											
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: Mine-Cut	SAMPLE ID: Mine-Cut	DATE: 2/7/22	

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: BAILER
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (\text{N/A} \text{ feet} - \text{N/A} \text{ feet}) \times \text{N/A} \text{ gallons/foot} = \text{N/A} \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

$$= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$$

INITIAL PUMP OR TUBING	FINAL PUMP OR TUBING	PURGING	PURGING	TOTAL VOLUME
DEPTH IN WELL (feet): N/A	DEPTH IN WELL (feet): N/A	INITIATED AT: N/A	ENDED AT: N/A	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)
9:40	N/A	N/A	N/A	N/A	6.75	16.6	369.5	0.54/5.40	5.8	1.69	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)

SAMPLED BY (PRINT) / AFFILIATION: M. M. ... / K. ...	SAMPLER(S) SIGNATURE(S): M. M. ... / K. ...	SAMPLING INITIATED AT: 940	SAMPLING ENDED AT: 950
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PUMP OR TUBING	TUBING	FIELD-FILTERED: ☒ Y ☐ N	FILTER SIZE: _____ µm
DEPTH IN WELL (feet): N/A	MATERIAL CODE: N/A	Filtration Equipment Type:	

FIELD DECONTAMINATION:	PUMP	Y	N	TUBING	Y	N (replaced)	DUPLICATE:	Y	N
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[illegible]

REMARKS: SEE COC FOR ANALYSIS ORP: 940 (150.17)

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+5$ NTU or $\pm 10\%$ (whichever is greater)

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: 3B2B	SAMPLE ID: 3B2B		DATE: 2/7/22

PURGING DATA

WELL						TUBING		PURGING DATA			STATIC DEPTH TO WATER (feet)		PURGE PUMP TYPE OR BAILER:
DIAMETER (inches): N/A						DIAMETER (inches): N/A		DEPTH: N/A ft to N/A ft			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 mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)		
1050	N/A	N/A	N/A	N/A	6.99	17.0	327.7	6.27/85.2	2.10	Clear	N/A		
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)													

SAMPLING DATA

[illegible]

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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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: 2/7/22	

PURGING DATA

WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): N/A		DIAMETER (inches): N/A		DEPTH: N/A ft to N/A ft		TO WATER (feet): N/A		OR BAILER:			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
$= (\text{N/A feet} - \text{N/A feet}) \times \text{N/A gallons/foot} = \text{N/A gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
$= \text{N/A gallons} + (\text{N/A gallons/foot} \times \text{N/A feet}) + \text{N/A gallons} = \text{N/A gallons}$											
INITIAL PUMP OR TUBING		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME			
DEPTH IN WELL (feet): N/A		DEPTH IN WELL (feet): N/A		INITIATED AT: N/A		ENDED AT: N/A		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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN mg/L / % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:15	N/A	N/A	N/A	N/A	6.91	16.4	280.9	7.86/82.3	1.32	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" = 0.0025; 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

[illegible]

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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: 2/7/22	

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:			
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)
11:15	N/A	N/A	N/A	N/A	6.06	16.8	197.7	0.73 / 7.6	1.28	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

[illegible]

REMARKS: SEE COC FOR ANALYSIS

ORP: 11:15 (167.4)

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: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $+5\text{ NTU}$ or $\pm 10\%$ (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: 2/7/22

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)
Duplicate 2/7/22 M.M.											

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. Mohan / K. Swinoff				SAMPLER(S) SIGNATURE(S): M. Mohan K. Swinoff				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			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		

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: Equipment Blank	SAMPLE ID: Equipment Blank DATE: 2/4/22

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)

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. Morales Jr. Smirnoff				SAMPLER(S) SIGNATURE(S): M. Morales				SAMPLING INITIATED AT: 920		SAMPLING ENDED AT: 928	
PUMP OR TUBING DEPTH IN WELL (feet): N/A				TUBING MATERIAL CODE: N/A		FIELD-FILTERED: Y (N) FILTER SIZE: _____ µm Filtration Equipment Type: _____					
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)



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for T2203492001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for T2202715026 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for G2201371001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for T2202605007 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SM 2340C
Preparation:

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS and MSD) recoveries of Total Hardness for A2201077001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 6010
Preparation: SW-846 3010A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike (MS) and Matrix Spike Duplicate (MSD) recoveries of Silver for T2203254031 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: SW-846 6020

Preparation: SW-846 3010A

IV. Preparation

The sample J2202006021 was diluted prior to digestion. The samples were known to contain a high salt content which indicated the need to perform a dilution.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes: All acceptance criteria were met.

Internal Standard: Due to non-target background analytes, the proper quantitation of the internal standard in T2202715019 was obstructed. In order to return the internal standard to within acceptance limits, this sample was analyzed at a dilution.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for T2203043005 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike (MS) recoveries of Mercury for T2202715011 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and matrix spike duplicate (MSD) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2202715
Client: Hillsborough County Public Utilities
Project ID: SELF Semi-Annual

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: EPA 350.1
Preparation:

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike recovery of NH₃ for T2202680002 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Queue: WCAt

Batch Number: 10147

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: SM 5310B

Preparation:

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes The matrix spike recovery of TP for T2202605006 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Queue: ICMj

Batch Number: 1768

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: SW-846 6020

Preparation: SW-846 3010A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes: All acceptance criteria were met.

Internal Standard: Due to non-target background analytes, the proper quantitation of the internal standard in T2202974005 was obstructed. In order to return the internal standard to within acceptance limits, this sample was analyzed at a dilution.

The matrix spike recovery of Ni for T2202974001 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Attachment C
Evaluation Monitoring Laboratory
Data Report
February 2022



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

March 09, 2022

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

RE: Workorder: T2203043 SELF Sup. Site Assessment

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday February 9, 2022. 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, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analyses Reported
T2203043001	TH-22A	WA	EPA 300.0	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	EPA 350.1	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	EPA 8081	02/09/2022 09:26	02/09/2022 14:48	19
T2203043001	TH-22A	WA	EPA 8151	02/09/2022 09:26	02/09/2022 14:48	3
T2203043001	TH-22A	WA	Field Measurements	02/09/2022 09:26	02/09/2022 14:48	6
T2203043001	TH-22A	WA	SM 2540 C	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	SM 4500-CN-E	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	SM 4500-S D	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	SM 4500NO3-F	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	SW-846 6010	02/09/2022 09:26	02/09/2022 14:48	5
T2203043001	TH-22A	WA	SW-846 6020	02/09/2022 09:26	02/09/2022 14:48	14
T2203043001	TH-22A	WA	SW-846 7470A	02/09/2022 09:26	02/09/2022 14:48	1
T2203043001	TH-22A	WA	SW-846 8082A	02/09/2022 09:26	02/09/2022 14:48	7
T2203043001	TH-22A	WA	SW-846 8260B	02/09/2022 09:26	02/09/2022 14:48	56
T2203043001	TH-22A	WA	SW-846 8260B (SIM)	02/09/2022 09:26	02/09/2022 14:48	2
T2203043001	TH-22A	WA	SW-846 8270C	02/09/2022 09:26	02/09/2022 14:48	112
T2203043002	TH-83	WA	EPA 300.0	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	EPA 350.1	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	EPA 8081	02/09/2022 10:10	02/09/2022 14:48	19
T2203043002	TH-83	WA	EPA 8151	02/09/2022 10:10	02/09/2022 14:48	3
T2203043002	TH-83	WA	Field Measurements	02/09/2022 10:10	02/09/2022 14:48	6
T2203043002	TH-83	WA	SM 2540 C	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	SM 4500-CN-E	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	SM 4500-S D	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	SM 4500NO3-F	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	SW-846 6010	02/09/2022 10:10	02/09/2022 14:48	5
T2203043002	TH-83	WA	SW-846 6020	02/09/2022 10:10	02/09/2022 14:48	14
T2203043002	TH-83	WA	SW-846 7470A	02/09/2022 10:10	02/09/2022 14:48	1
T2203043002	TH-83	WA	SW-846 8082A	02/09/2022 10:10	02/09/2022 14:48	7
T2203043002	TH-83	WA	SW-846 8260B	02/09/2022 10:10	02/09/2022 14:48	56
T2203043002	TH-83	WA	SW-846 8260B (SIM)	02/09/2022 10:10	02/09/2022 14:48	2
T2203043002	TH-83	WA	SW-846 8270C	02/09/2022 10:10	02/09/2022 14:48	112
T2203043003	TH-84	WA	EPA 300.0	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	EPA 350.1	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	EPA 8081	02/09/2022 11:50	02/09/2022 14:48	19





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2203043003	TH-84	WA	EPA 8151	02/09/2022 11:50	02/09/2022 14:48	3
T2203043003	TH-84	WA	Field Measurements	02/09/2022 11:50	02/09/2022 14:48	6
T2203043003	TH-84	WA	SM 2540 C	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	SM 4500-CN-E	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	SM 4500-S D	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	SM 4500NO3-F	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	SW-846 6010	02/09/2022 11:50	02/09/2022 14:48	5
T2203043003	TH-84	WA	SW-846 6020	02/09/2022 11:50	02/09/2022 14:48	14
T2203043003	TH-84	WA	SW-846 7470A	02/09/2022 11:50	02/09/2022 14:48	1
T2203043003	TH-84	WA	SW-846 8082A	02/09/2022 11:50	02/09/2022 14:48	7
T2203043003	TH-84	WA	SW-846 8260B	02/09/2022 11:50	02/09/2022 14:48	56
T2203043003	TH-84	WA	SW-846 8260B (SIM)	02/09/2022 11:50	02/09/2022 14:48	2
T2203043003	TH-84	WA	SW-846 8270C	02/09/2022 11:50	02/09/2022 14:48	112
T2203043004	Field Blank	WA	EPA 300.0	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	EPA 350.1	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	EPA 8081	02/09/2022 09:00	02/09/2022 14:48	19
T2203043004	Field Blank	WA	EPA 8151	02/09/2022 09:00	02/09/2022 14:48	3
T2203043004	Field Blank	WA	SM 2540 C	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	SM 4500-CN-E	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	SM 4500-S D	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	SM 4500NO3-F	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	SW-846 6010	02/09/2022 09:00	02/09/2022 14:48	5
T2203043004	Field Blank	WA	SW-846 6020	02/09/2022 09:00	02/09/2022 14:48	14
T2203043004	Field Blank	WA	SW-846 7470A	02/09/2022 09:00	02/09/2022 14:48	1
T2203043004	Field Blank	WA	SW-846 8082A	02/09/2022 09:00	02/09/2022 14:48	7
T2203043004	Field Blank	WA	SW-846 8260B	02/09/2022 09:00	02/09/2022 14:48	56
T2203043004	Field Blank	WA	SW-846 8260B (SIM)	02/09/2022 09:00	02/09/2022 14:48	2
T2203043004	Field Blank	WA	SW-846 8270C	02/09/2022 09:00	02/09/2022 14:48	112
T2203043005	Duplicate	WA	EPA 300.0	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	EPA 350.1	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	EPA 8081	02/09/2022 00:00	02/09/2022 14:48	19
T2203043005	Duplicate	WA	EPA 8151	02/09/2022 00:00	02/09/2022 14:48	3
T2203043005	Duplicate	WA	SM 2540 C	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	SM 4500-CN-E	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	SM 4500-S D	02/09/2022 00:00	02/09/2022 14:48	1

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2203043005	Duplicate	WA	SM 4500NO3-F	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	SW-846 6010	02/09/2022 00:00	02/09/2022 14:48	5
T2203043005	Duplicate	WA	SW-846 6020	02/09/2022 00:00	02/09/2022 14:48	14
T2203043005	Duplicate	WA	SW-846 7470A	02/09/2022 00:00	02/09/2022 14:48	1
T2203043005	Duplicate	WA	SW-846 8082A	02/09/2022 00:00	02/09/2022 14:48	7
T2203043005	Duplicate	WA	SW-846 8260B	02/09/2022 00:00	02/09/2022 14:48	56
T2203043005	Duplicate	WA	SW-846 8260B (SIM)	02/09/2022 00:00	02/09/2022 14:48	2
T2203043005	Duplicate	WA	SW-846 8270C	02/09/2022 00:00	02/09/2022 14:48	112

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Workorder: SELF Sup. Site Assessment (T2203043)

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.
V	Method Blank Contamination
CN	See Case Narration
J4	Estimated Result

Lab Qualifiers

J	DOH Certification #E82574 (FL NELAC) AEL-Jacksonville
M	DOH Certification #E82535 (FL NELAC) AEL-Miami
T	DOH Certification #E84589 (FL NELAC) AEL-Tampa
T^	Not Certified

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043001	Date Collected:	02/09/2022 09:26			Matrix:	Water	
Sample ID:	TH-22A	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	139.8	umhos/cm			1	02/09/2022 09:26	02/09/2022 09:26	
Dissolved Oxygen	3.35	mg/L			1	02/09/2022 09:26	02/09/2022 09:26	
ORP-2580BW	119.8	mV			1	02/09/2022 09:26	02/09/2022 09:26	
Temperature	20.1	°C			1	02/09/2022 09:26	02/09/2022 09:26	
Turbidity	2.42	NTU			1	02/09/2022 09:26	02/09/2022 09:26	
pH	4.44	SU			1	02/09/2022 09:26	02/09/2022 09:26	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:25	T
Iron	0.25	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:25	T
Sodium	2.0	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:25	T
Tin	0.040 U	mg/L	0.050	0.040	1	02/16/2022 12:00	02/18/2022 12:10	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:25	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:52	J
Arsenic	0.00030 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:52	J
Barium	0.029	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:52	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:52	J
Chromium	0.00078 I	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:52	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:52	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:52	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:52	J
Manganese	0.012	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:52	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 16:52	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 16:52	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:52	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:52	J
Vanadium	0.0015 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:52	J
METALS (SW-846 7470A)								
Mercury	0.000020 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:11	T
SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 00:41	J
2,4-D	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 00:41	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	02/15/2022 16:30	02/18/2022 00:41	J
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4'-DDD	0.013 U	ug/L	0.020	0.013	1	02/16/2022 08:00	02/16/2022 21:00	M
4,4'-DDE	0.0083 U	ug/L	0.020	0.0083	1	02/16/2022 08:00	02/16/2022 21:00	M
4,4'-DDT	0.0097 U	ug/L	0.020	0.0097	1	02/16/2022 08:00	02/16/2022 21:00	M
Aldrin	0.0047 U	ug/L	0.020	0.0047	1	02/16/2022 08:00	02/16/2022 21:00	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	1	02/16/2022 08:00	02/16/2022 21:00	M
Dieldrin	0.0067 U	ug/L	0.020	0.0067	1	02/16/2022 08:00	02/16/2022 21:00	M
Endosulfan I	0.0039 U	ug/L	0.020	0.0039	1	02/16/2022 08:00	02/16/2022 21:00	M
Endosulfan II	0.0081 U	ug/L	0.020	0.0081	1	02/16/2022 08:00	02/16/2022 21:00	M
Endosulfan Sulfate	0.0077 U	ug/L	0.020	0.0077	1	02/16/2022 08:00	02/16/2022 21:00	M
Endrin	0.0045 U	ug/L	0.020	0.0045	1	02/16/2022 08:00	02/16/2022 21:00	M
Endrin Aldehyde	0.0049 U	ug/L	0.020	0.0049	1	02/16/2022 08:00	02/16/2022 21:00	M
Heptachlor	0.0076 U	ug/L	0.020	0.0076	1	02/16/2022 08:00	02/16/2022 21:00	M
Heptachlor Epoxide	0.0035 U	ug/L	0.020	0.0035	1	02/16/2022 08:00	02/16/2022 21:00	M
Methoxychlor	0.0079 U	ug/L	0.020	0.0079	1	02/16/2022 08:00	02/16/2022 21:00	M
Toxaphene	0.19 U	ug/L	0.20	0.19	1	02/16/2022 08:00	02/16/2022 21:00	M
alpha-BHC	0.010 U	ug/L	0.020	0.010	1	02/16/2022 08:00	02/16/2022 21:00	M
beta-BHC	0.0098 U	ug/L	0.020	0.0098	1	02/16/2022 08:00	02/16/2022 21:00	M
delta-BHC	0.0086 U	ug/L	0.020	0.0086	1	02/16/2022 08:00	02/16/2022 21:00	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
gamma-BHC (Lindane)	0.0096 U	ug/L	0.020	0.0096	1	02/16/2022 08:00	02/16/2022 21:00	M
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	1	02/16/2022 10:00	02/16/2022 21:00	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:00	M
SEMIVOLATILES (SW-846 3510C/SW-846 8270C)								
1,2,4,5-Tetrachlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 10:04	J
1,2,4-Trichlorobenzene	0.71 U	ug/L	5.1	0.71	1	02/15/2022 16:30	02/24/2022 10:04	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 10:04	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.1	2.5	1	02/15/2022 16:30	02/24/2022 10:04	J
1,3-Dichlorobenzene	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 10:04	J
1,3-Dinitrobenzene	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 10:04	J
1,4-Naphthoquinone	4.9 U	ug/L	5.1	4.9	1	02/15/2022 16:30	02/24/2022 10:04	J
1,4-Phenylenediamine	5.1 U	ug/L	82	5.1	1	02/15/2022 16:30	02/24/2022 10:04	J
1-Naphthylamine	0.97 U	ug/L	5.1	0.97	1	02/15/2022 16:30	02/24/2022 10:04	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4,5-Trichlorophenol	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4,6-Trichlorophenol	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4-Dichlorophenol	0.92 U	ug/L	5.1	0.92	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4-Dimethylphenol	2.7 U	ug/L	5.1	2.7	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	1	02/15/2022 16:30	02/24/2022 10:04	J
2,4-Dinitrotoluene (2,4-DNT)	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 10:04	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,6-Dichlorophenol	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Acetylaminofluorene	3.6 U	ug/L	5.1	3.6	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Chloronaphthalene	1.7 U	ug/L	5.1	1.7	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Chlorophenol	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Methylnaphthalene	0.050 U	ug/L	0.20	0.050	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Naphthylamine	0.91 U	ug/L	5.1	0.91	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Nitroaniline	1.6 U	ug/L	5.1	1.6	1	02/15/2022 16:30	02/24/2022 10:04	J
2-Nitrophenol	0.64 U	ug/L	5.1	0.64	1	02/15/2022 16:30	02/24/2022 10:04	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 10:04	J
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 10:04	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
3-Methylcholanthrene	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 10:04	J
3-Nitroaniline	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Aminobiphenyl	0.62 U	ug/L	5.1	0.62	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Chloro-3-methylphenol	0.64 U	ug/L	5.1	0.64	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Chloroaniline	0.91 U	ug/L	5.1	0.91	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Chlorophenyl Phenyl Ether	1.7 U	ug/L	5.1	1.7	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Dimethyl aminoazobenzene	0.75 U	ug/L	5.1	0.75	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Nitroaniline	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
4-Nitrophenol	2.9 U	ug/L	5.1	2.9	1	02/15/2022 16:30	02/24/2022 10:04	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.1	2.9	1	02/15/2022 16:30	02/24/2022 10:04	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Acenaphthene	0.041 U	ug/L	0.20	0.041	1	02/15/2022 16:30	02/24/2022 10:04	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acenaphthylene	0.043 U	ug/L	0.20	0.043	1	02/15/2022 16:30	02/24/2022 10:04	J
Acetophenone	1.6 U	ug/L	5.1	1.6	1	02/15/2022 16:30	02/24/2022 10:04	J
Anthracene	0.036 U	ug/L	0.20	0.036	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzo[a]anthracene	0.013 U	ug/L	0.20	0.013	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzo[a]pyrene	0.038 U	ug/L	0.20	0.038	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzo[b]fluoranthene	0.043 I	ug/L	0.10	0.013	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzo[g,h,i]perylene	0.061 I	ug/L	0.20	0.048	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzo[k]fluoranthene	0.049 U	ug/L	0.20	0.049	1	02/15/2022 16:30	02/24/2022 10:04	J
Benzyl Alcohol	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 10:04	J
Butyl benzyl phthalate	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Chlorobenzilate	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Chrysene	0.034 U	ug/L	0.20	0.034	1	02/15/2022 16:30	02/24/2022 10:04	J
Di-n-Butyl Phthalate	3.6 I	ug/L	5.1	0.89	1	02/15/2022 16:30	02/24/2022 10:04	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Diallate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Dibenzo[a,h]anthracene	0.048 I	ug/L	0.20	0.024	1	02/15/2022 16:30	02/24/2022 10:04	J
Dibenzofuran	0.070 U	ug/L	5.1	0.070	1	02/15/2022 16:30	02/24/2022 10:04	J
Diethyl phthalate	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Dimethoate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	02/15/2022 16:30	02/24/2022 10:04	J
Dinoseb	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 10:04	J
Diphenylamine	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Disulfoton	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Ethyl methanesulfonate	0.93 U	ug/L	5.1	0.93	1	02/15/2022 16:30	02/24/2022 10:04	J
Famphur	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Fluoranthene	0.038 U	ug/L	0.20	0.038	1	02/15/2022 16:30	02/24/2022 10:04	J
Fluorene	0.039 U	ug/L	0.20	0.039	1	02/15/2022 16:30	02/24/2022 10:04	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Hexachlorobenzene	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 10:04	J
Hexachlorobutadiene	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
Hexachlorocyclopentadiene	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Hexachloroethane	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
Hexachloropropene	2.7 U	ug/L	5.1	2.7	1	02/15/2022 16:30	02/24/2022 10:04	J
Indeno(1,2,3-cd)pyrene	0.049 I	ug/L	0.20	0.011	1	02/15/2022 16:30	02/24/2022 10:04	J
Isodrin	3.1 U	ug/L	5.1	3.1	1	02/15/2022 16:30	02/24/2022 10:04	J
Isophorone	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Isosafrole	3.2 U	ug/L	5.1	3.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Kepone	5.3 U	ug/L	82	5.3	1	02/15/2022 16:30	02/24/2022 10:04	J
Methapyrilene	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 10:04	J
Methyl Methanesulfonate	0.69 U	ug/L	5.1	0.69	1	02/15/2022 16:30	02/24/2022 10:04	J
Methyl Parathion	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosodi-n-propylamine	2.3 U	ug/L	5.1	2.3	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosodiethylamine	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosodimethylamine	0.95 U	ug/L	5.1	0.95	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosomethylethylamine	2.8 U	ug/L	5.1	2.8	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosopiperidine	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
N-Nitrosopyrrolidine	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Naphthalene	0.049 U	ug/L	0.20	0.049	1	02/15/2022 16:30	02/24/2022 10:04	J
Nitrobenzene	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Parathion (Ethyl)	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Pentachlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 10:04	J
Pentachloronitrobenzene	1.8 U	ug/L	5.1	1.8	1	02/15/2022 16:30	02/24/2022 10:04	J
Pentachlorophenol	0.97 U	ug/L	5.1	0.97	1	02/15/2022 16:30	02/24/2022 10:04	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenacetin	3.2 U	ug/L	5.1	3.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Phenanthrene	0.041 U	ug/L	0.20	0.041	1	02/15/2022 16:30	02/24/2022 10:04	J
Phenol	0.56 U	ug/L	5.1	0.56	1	02/15/2022 16:30	02/24/2022 10:04	J
Phorate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
Pronamide (Kerb)	3.7 U	ug/L	5.1	3.7	1	02/15/2022 16:30	02/24/2022 10:04	J
Pyrene	0.036 U	ug/L	0.20	0.036	1	02/15/2022 16:30	02/24/2022 10:04	J
Safrole	3.6 U	ug/L	5.1	3.6	1	02/15/2022 16:30	02/24/2022 10:04	J
Thionazin (Zinophos)	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 10:04	J
bis(2-Chloroethoxy)methane	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 10:04	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
bis(2-Chloroisopropyl) Ether	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 10:04	J
bis(2-Ethylhexyl) phthalate	2.0 I	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 10:04	J
o,o,o-Triethylphosphorothioate	3.0 U	ug/L	5.1	3.0	1	02/15/2022 16:30	02/24/2022 10:04	J
o-Toluidine	2.5 U	ug/L	5.1	2.5	1	02/15/2022 16:30	02/24/2022 10:04	J
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	02/21/2022 08:35	02/21/2022 10:57	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	02/21/2022 08:35	02/21/2022 10:57	J
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 03:59	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Acetone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	02/18/2022 22:00	02/19/2022 03:59	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Allyl Chloride(3-Chloropropene)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Benzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 03:59	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 03:59	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043001
Sample ID: TH-22A

Date Collected: 02/09/2022 09:26
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	02/18/2022 22:00	02/19/2022 03:59	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 03:59	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	02/18/2022 22:00	02/19/2022 03:59	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Styrene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 03:59	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	02/18/2022 22:00	02/19/2022 03:59	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 03:59	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 03:59	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 03:59	J

WET CHEMISTRY (EPA 300.0)

Chloride	91	mg/L	10	2	2	02/15/2022 00:27	02/15/2022 00:27	T
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WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.3	mg/L	0.03	0.02	1	02/14/2022 13:38	02/14/2022 13:38	T
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WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids	110	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
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WET CHEMISTRY (SM 4500-CN-E)

Cyanide	0.0040 U	mg/L	0.01	0.0040	1	02/18/2022 11:55	02/18/2022 11:55	T
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043001	Date Collected:	02/09/2022 09:26				Matrix:	Water	
Sample ID:	TH-22A	Date Received:	02/09/2022 14:48						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed		Lab
WET CHEMISTRY (SM 4500-S D)									
Sulfide	0.3	mg/L	0.05	0.013	1	02/14/2022 11:55	02/14/2022 11:55		T
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.092 U	mg/L	0.1	0.092	1	02/10/2022 21:20	02/10/2022 21:20		T

Analysis Results Comments

1,2-Dibromo-3-Chloropropane

See Case Narration

Decachlorobiphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	J
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	54	109	86 - 123	J
Decachlorobiphenyl (S)	ug/L	0.51	0.11	21	48 - 137	M
Tetrachloro-m-xylene (S)	ug/L	1	0.72	70	44 - 124	M
2,4,6-Tribromophenol (S)	ug/L	51	46	90	48 - 147	J
Phenol-d6 (S)	ug/L	51	19	37	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	51	46	90	42 - 138	J
2-Fluorophenol (S)	ug/L	51	26	52	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	51	43	85	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	51	48	94	61 - 154	J
Tetrachloro-m-xylene (S)	ug/L	1	0.72	70	61 - 119	M
Decachlorobiphenyl (S)	ug/L	0.51	0.11	21	44 - 136	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4-Dichlorophenylacetic acid (S)	ug/L	100	89	89	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	77 - 125	J
Toluene-d8 (S)	ug/L	50	54	107	80 - 121	J
Bromofluorobenzene (S)	ug/L	50	51	102	80 - 129	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043002	Date Collected:	02/09/2022 10:10				Matrix:	Water
Sample ID:	TH-83	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	565	umhos/cm			1	02/09/2022 10:10	02/09/2022 10:10	
Dissolved Oxygen	6.94	mg/L			1	02/09/2022 10:10	02/09/2022 10:10	
ORP-2580BW	119.5	mV			1	02/09/2022 10:10	02/09/2022 10:10	
Temperature	18.9	°C			1	02/09/2022 10:10	02/09/2022 10:10	
Turbidity	4.1	NTU			1	02/09/2022 10:10	02/09/2022 10:10	
pH	6.3	SU			1	02/09/2022 10:10	02/09/2022 10:10	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/17/2022 17:28	T
Iron	0.017 I	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/17/2022 17:28	T
Sodium	32	mg/L	1.0	0.80	1	02/16/2022 12:00	02/17/2022 17:28	T
Tin	0.040 U	mg/L	0.050	0.040	1	02/16/2022 12:00	02/18/2022 12:13	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/17/2022 17:28	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0016 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:57	J
Arsenic	0.00062 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:57	J
Barium	0.0024	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:57	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:57	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:57	J
Cobalt	0.00082 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:57	J
Copper	0.0012 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:57	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:57	J
Manganese	0.0062	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 16:57	J
Nickel	0.0045 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 16:57	J
Selenium	0.0027 I	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 16:57	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 16:57	J





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Thallium	0.00055 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 16:57	J
Vanadium	0.11	mg/L	0.0080	0.0020	2	02/15/2022 07:55	02/16/2022 09:52	J
METALS (SW-846 7470A)								
Mercury	0.000024 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:13	T
SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 01:15	J
2,4-D	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 01:15	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	02/15/2022 16:30	02/18/2022 01:15	J
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4'-DDD	0.013 U	ug/L	0.020	0.013	1	02/16/2022 08:00	02/16/2022 21:22	M
4,4'-DDE	0.0083 U	ug/L	0.020	0.0083	1	02/16/2022 08:00	02/16/2022 21:22	M
4,4'-DDT	0.0097 U	ug/L	0.020	0.0097	1	02/16/2022 08:00	02/16/2022 21:22	M
Aldrin	0.0047 U	ug/L	0.020	0.0047	1	02/16/2022 08:00	02/16/2022 21:22	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	1	02/16/2022 08:00	02/16/2022 21:22	M
Dieldrin	0.0067 U	ug/L	0.020	0.0067	1	02/16/2022 08:00	02/16/2022 21:22	M
Endosulfan I	0.0039 U	ug/L	0.020	0.0039	1	02/16/2022 08:00	02/16/2022 21:22	M
Endosulfan II	0.0081 U	ug/L	0.020	0.0081	1	02/16/2022 08:00	02/16/2022 21:22	M
Endosulfan Sulfate	0.0077 U	ug/L	0.020	0.0077	1	02/16/2022 08:00	02/16/2022 21:22	M
Endrin	0.0045 U	ug/L	0.020	0.0045	1	02/16/2022 08:00	02/16/2022 21:22	M
Endrin Aldehyde	0.0049 U	ug/L	0.020	0.0049	1	02/16/2022 08:00	02/16/2022 21:22	M
Heptachlor	0.0076 U	ug/L	0.020	0.0076	1	02/16/2022 08:00	02/16/2022 21:22	M
Heptachlor Epoxide	0.0035 U	ug/L	0.020	0.0035	1	02/16/2022 08:00	02/16/2022 21:22	M
Methoxychlor	0.0079 U	ug/L	0.020	0.0079	1	02/16/2022 08:00	02/16/2022 21:22	M
Toxaphene	0.19 U	ug/L	0.20	0.19	1	02/16/2022 08:00	02/16/2022 21:22	M
alpha-BHC	0.010 U	ug/L	0.020	0.010	1	02/16/2022 08:00	02/16/2022 21:22	M
beta-BHC	0.0098 U	ug/L	0.020	0.0098	1	02/16/2022 08:00	02/16/2022 21:22	M
delta-BHC	0.0086 U	ug/L	0.020	0.0086	1	02/16/2022 08:00	02/16/2022 21:22	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
gamma-BHC (Lindane)	0.0096 U	ug/L	0.020	0.0096	1	02/16/2022 08:00	02/16/2022 21:22	M
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	1	02/16/2022 10:00	02/16/2022 21:22	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:22	M
SEMIVOLATILES (SW-846 3510C/SW-846 8270C)								
1,2,4,5-Tetrachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 10:43	J
1,2,4-Trichlorobenzene	0.71 U	ug/L	5.2	0.71	1	02/15/2022 16:30	02/24/2022 10:43	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 10:43	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 10:43	J
1,3-Dichlorobenzene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
1,3-Dinitrobenzene	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 10:43	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 10:43	J
1,4-Naphthoquinone	4.9 U	ug/L	5.2	4.9	1	02/15/2022 16:30	02/24/2022 10:43	J
1,4-Phenylenediamine	5.2 U	ug/L	82	5.2	1	02/15/2022 16:30	02/24/2022 10:43	J
1-Naphthylamine	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 10:43	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4,5-Trichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4,6-Trichlorophenol	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4-Dichlorophenol	0.93 U	ug/L	5.2	0.93	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4-Dimethylphenol	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
2,4-Dinitrotoluene (2,4-DNT)	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 10:43	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,6-Dichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 10:43	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Acetylaminofluorene	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Chloronaphthalene	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Chlorophenol	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Methylnaphthalene	0.051 U	ug/L	0.21	0.051	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Naphthylamine	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Nitroaniline	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 10:43	J
2-Nitrophenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 10:43	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 10:43	J
3,3'-Dimethylbenzidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 10:43	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
3-Methylcholanthrene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 10:43	J
3-Nitroaniline	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Aminobiphenyl	0.63 U	ug/L	5.2	0.63	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Chloro-3-methylphenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Chloroaniline	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Chlorophenyl Phenyl Ether	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Dimethyl aminoazobenzene	0.76 U	ug/L	5.2	0.76	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Nitroaniline	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
4-Nitrophenol	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 10:43	J
5-Nitro-o-toluidine	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 10:43	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Acenaphthene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 10:43	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acenaphthylene	0.043 U	ug/L	0.21	0.043	1	02/15/2022 16:30	02/24/2022 10:43	J
Acetophenone	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 10:43	J
Anthracene	0.036 U	ug/L	0.21	0.036	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzo[a]anthracene	0.013 U	ug/L	0.21	0.013	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzo[a]pyrene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzo[b]fluoranthene	0.031 I	ug/L	0.10	0.013	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzo[g,h,i]perylene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzo[k]fluoranthene	0.050 U	ug/L	0.21	0.050	1	02/15/2022 16:30	02/24/2022 10:43	J
Benzyl Alcohol	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 10:43	J
Butyl benzyl phthalate	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Chlorobenzilate	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Chrysene	0.034 U	ug/L	0.21	0.034	1	02/15/2022 16:30	02/24/2022 10:43	J
Di-n-Butyl Phthalate	1.9 I	ug/L	5.2	0.90	1	02/15/2022 16:30	02/24/2022 10:43	J
Di-n-octyl Phthalate	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Diallate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Dibenzo[a,h]anthracene	0.025 U	ug/L	0.21	0.025	1	02/15/2022 16:30	02/24/2022 10:43	J
Dibenzofuran	0.071 U	ug/L	5.2	0.071	1	02/15/2022 16:30	02/24/2022 10:43	J
Diethyl phthalate	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Dimethoate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	02/15/2022 16:30	02/24/2022 10:43	J
Dinoseb	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 10:43	J
Diphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Disulfoton	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Ethyl methanesulfonate	0.94 U	ug/L	5.2	0.94	1	02/15/2022 16:30	02/24/2022 10:43	J
Famphur	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Fluoranthene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 10:43	J
Fluorene	0.040 U	ug/L	0.21	0.040	1	02/15/2022 16:30	02/24/2022 10:43	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Hexachlorobenzene	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 10:43	J
Hexachlorobutadiene	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Hexachlorocyclopentadiene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 10:43	J
Hexachloroethane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Hexachloropropene	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 10:43	J
Indeno(1,2,3-cd)pyrene	0.012 U	ug/L	0.21	0.012	1	02/15/2022 16:30	02/24/2022 10:43	J
Isodrin	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Isophorone	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Isosafrole	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Kepone	5.3 U	ug/L	82	5.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Methapyrilene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 10:43	J
Methyl Methanesulfonate	0.69 U	ug/L	5.2	0.69	1	02/15/2022 16:30	02/24/2022 10:43	J
Methyl Parathion	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosodi-n-propylamine	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosodiethylamine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosodimethylamine	0.96 U	ug/L	5.2	0.96	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosomethylethylamine	2.8 U	ug/L	5.2	2.8	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosopiperidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
N-Nitrosopyrrolidine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Naphthalene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 10:43	J
Nitrobenzene	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Parathion (Ethyl)	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Pentachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 10:43	J
Pentachloronitrobenzene	1.8 U	ug/L	5.2	1.8	1	02/15/2022 16:30	02/24/2022 10:43	J
Pentachlorophenol	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 10:43	J

Wednesday, March 9, 2022 3:36:47 PM
Dates and times are displayed using (-05:00)
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenacetin	3.3 U	ug/L	5.2	3.3	1	02/15/2022 16:30	02/24/2022 10:43	J
Phenanthrene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 10:43	J
Phenol	0.56 U	ug/L	5.2	0.56	1	02/15/2022 16:30	02/24/2022 10:43	J
Phorate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
Pronamide (Kerb)	3.7 U	ug/L	5.2	3.7	1	02/15/2022 16:30	02/24/2022 10:43	J
Pyrene	0.037 U	ug/L	0.21	0.037	1	02/15/2022 16:30	02/24/2022 10:43	J
Saflrole	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 10:43	J
Thionazin (Zinophos)	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 10:43	J
bis(2-Chloroethoxy)methane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 10:43	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 10:43	J
bis(2-Chloroisopropyl) Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 10:43	J
bis(2-Ethylhexyl) phthalate	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 10:43	J
o,o,o-Triethylphosphorothioate	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 10:43	J
o-Toluidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 10:43	J

VOLATILES (SW-846 5030B/SW-846 8260B (SIM))

1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	02/21/2022 08:35	02/21/2022 11:21	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	02/21/2022 08:35	02/21/2022 11:21	J

VOLATILES (SW-846 5030B/SW-846 8260B)

1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:23	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Acetone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	02/18/2022 22:00	02/19/2022 04:23	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Allyl Chloride(3-Chloropropene)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Benzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 04:23	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:23	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043002
Sample ID: TH-83

Date Collected: 02/09/2022 10:10
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	02/18/2022 22:00	02/19/2022 04:23	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 04:23	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	02/18/2022 22:00	02/19/2022 04:23	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Styrene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:23	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	02/18/2022 22:00	02/19/2022 04:23	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:23	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:23	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:23	J

WET CHEMISTRY (EPA 300.0)

Chloride	43	mg/L	10	2	2	02/15/2022 00:43	02/15/2022 00:43	T
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WET CHEMISTRY (EPA 350.1)

Ammonia (N)	3	mg/L	0.03	0.02	1	02/14/2022 13:41	02/14/2022 13:41	T
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WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids	252	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
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WET CHEMISTRY (SM 4500-CN-E)

Cyanide	0.0040 U	mg/L	0.01	0.0040	1	02/18/2022 11:57	02/18/2022 11:57	T
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043002	Date Collected:	02/09/2022 10:10				Matrix:	Water	
Sample ID:	TH-83	Date Received:	02/09/2022 14:48						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed		Lab
WET CHEMISTRY (SM 4500-S D)									
Sulfide	0.013 U	mg/L	0.05	0.013	1	02/14/2022 11:55	02/14/2022 11:55		T
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	0.2	mg/L	0.1	0.092	1	02/10/2022 21:21	02/10/2022 21:21		T

Analysis Results Comments

Decachlorobiphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J
Decachlorobiphenyl (S)	ug/L	0.51	0.22	43	48 - 137	M
Tetrachloro-m-xylene (S)	ug/L	1	1	100	44 - 124	M
2,4,6-Tribromophenol (S)	ug/L	52	46	89	48 - 147	J
Phenol-d6 (S)	ug/L	52	19	37	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	52	44	85	42 - 138	J
2-Fluorophenol (S)	ug/L	52	26	50	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	52	43	84	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	52	49	95	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.51	0.22	43	44 - 136	M
Tetrachloro-m-xylene (S)	ug/L	1	1	100	61 - 119	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4-Dichlorophenylacetic acid (S)	ug/L	100	95	95	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	77 - 125	J
Toluene-d8 (S)	ug/L	50	52	103	80 - 121	J
Bromofluorobenzene (S)	ug/L	50	51	101	80 - 129	J

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Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043003	Date Collected:	02/09/2022 11:50			Matrix:	Water	
Sample ID:	TH-84	Date Received:	02/09/2022 14:48					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	451.7	umhos/cm			1	02/09/2022 11:50	02/09/2022 11:50	
Dissolved Oxygen	5.75	mg/L			1	02/09/2022 11:50	02/09/2022 11:50	
ORP-2580BW	170.7	mV			1	02/09/2022 11:50	02/09/2022 11:50	
Temperature	23.4	°C			1	02/09/2022 11:50	02/09/2022 11:50	
Turbidity	2.09	NTU			1	02/09/2022 11:50	02/09/2022 11:50	
pH	5.9	SU			1	02/09/2022 11:50	02/09/2022 11:50	
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 14:25	T
Iron	0.075 I	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 14:25	T
Sodium	13	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 14:25	T
Tin	0.040 U	mg/L	0.050	0.040	1	02/16/2022 12:00	02/18/2022 14:25	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 14:25	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0011 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:03	J
Arsenic	0.00036 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:03	J
Barium	0.0041	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:03	J
Cadmium	0.00035 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:03	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:03	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:03	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:03	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:03	J
Manganese	0.034	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:03	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:03	J
Selenium	0.049	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:03	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:03	J

Wednesday, March 9, 2022 3:36:47 PM
Dates and times are displayed using (-05:00)
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Thallium	0.00044 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:03	J
Vanadium	0.037	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:03	J
METALS (SW-846 7470A)								
Mercury	0.000015 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:16	T
SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 01:49	J
2,4-D	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 01:49	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	02/15/2022 16:30	02/18/2022 01:49	J
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4'-DDD	0.013 U	ug/L	0.020	0.013	1	02/16/2022 08:00	02/16/2022 19:29	M
4,4'-DDE	0.0083 U	ug/L	0.020	0.0083	1	02/16/2022 08:00	02/16/2022 19:29	M
4,4'-DDT	0.0097 U	ug/L	0.020	0.0097	1	02/16/2022 08:00	02/16/2022 19:29	M
Aldrin	0.0047 U	ug/L	0.020	0.0047	1	02/16/2022 08:00	02/16/2022 19:29	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	1	02/16/2022 08:00	02/16/2022 19:29	M
Dieldrin	0.0067 U	ug/L	0.020	0.0067	1	02/16/2022 08:00	02/16/2022 19:29	M
Endosulfan I	0.0039 U	ug/L	0.020	0.0039	1	02/16/2022 08:00	02/16/2022 19:29	M
Endosulfan II	0.0081 U	ug/L	0.020	0.0081	1	02/16/2022 08:00	02/16/2022 19:29	M
Endosulfan Sulfate	0.0077 U	ug/L	0.020	0.0077	1	02/16/2022 08:00	02/16/2022 19:29	M
Endrin	0.0045 U	ug/L	0.020	0.0045	1	02/16/2022 08:00	02/16/2022 19:29	M
Endrin Aldehyde	0.0049 U	ug/L	0.020	0.0049	1	02/16/2022 08:00	02/16/2022 19:29	M
Heptachlor	0.0076 U	ug/L	0.020	0.0076	1	02/16/2022 08:00	02/16/2022 19:29	M
Heptachlor Epoxide	0.0035 U	ug/L	0.020	0.0035	1	02/16/2022 08:00	02/16/2022 19:29	M
Methoxychlor	0.0079 U	ug/L	0.020	0.0079	1	02/16/2022 08:00	02/16/2022 19:29	M
Toxaphene	0.19 U	ug/L	0.20	0.19	1	02/16/2022 08:00	02/16/2022 19:29	M
alpha-BHC	0.010 U	ug/L	0.020	0.010	1	02/16/2022 08:00	02/16/2022 19:29	M
beta-BHC	0.0098 U	ug/L	0.020	0.0098	1	02/16/2022 08:00	02/16/2022 19:29	M
delta-BHC	0.0086 U	ug/L	0.020	0.0086	1	02/16/2022 08:00	02/16/2022 19:29	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
gamma-BHC (Lindane)	0.0096 U	ug/L	0.020	0.0096	1	02/16/2022 08:00	02/16/2022 19:29	M
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	1	02/16/2022 10:00	02/16/2022 19:29	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 19:29	M
SEMIVOLATILES (SW-846 3510C/SW-846 8270C)								
1,2,4,5-Tetrachlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 11:22	J
1,2,4-Trichlorobenzene	0.71 U	ug/L	5.1	0.71	1	02/15/2022 16:30	02/24/2022 11:22	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 11:22	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.1	2.5	1	02/15/2022 16:30	02/24/2022 11:22	J
1,3-Dichlorobenzene	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 11:22	J
1,3-Dinitrobenzene	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 11:22	J
1,4-Naphthoquinone	4.9 U	ug/L	5.1	4.9	1	02/15/2022 16:30	02/24/2022 11:22	J
1,4-Phenylenediamine	5.1 U	ug/L	82	5.1	1	02/15/2022 16:30	02/24/2022 11:22	J
1-Naphthylamine	0.97 U	ug/L	5.1	0.97	1	02/15/2022 16:30	02/24/2022 11:22	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4,5-Trichlorophenol	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4,6-Trichlorophenol	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4-Dichlorophenol	0.92 U	ug/L	5.1	0.92	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4-Dimethylphenol	2.7 U	ug/L	5.1	2.7	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	1	02/15/2022 16:30	02/24/2022 11:22	J
2,4-Dinitrotoluene (2,4-DNT)	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 11:22	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2,6-Dichlorophenol	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Acetylaminofluorene	3.6 U	ug/L	5.1	3.6	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Chloronaphthalene	1.7 U	ug/L	5.1	1.7	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Chlorophenol	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Methylnaphthalene	0.050 U	ug/L	0.20	0.050	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Naphthylamine	0.91 U	ug/L	5.1	0.91	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Nitroaniline	1.6 U	ug/L	5.1	1.6	1	02/15/2022 16:30	02/24/2022 11:22	J
2-Nitrophenol	0.64 U	ug/L	5.1	0.64	1	02/15/2022 16:30	02/24/2022 11:22	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 11:22	J
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 11:22	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J
3-Methylcholanthrene	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 11:22	J
3-Nitroaniline	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Aminobiphenyl	0.62 U	ug/L	5.1	0.62	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Chloro-3-methylphenol	0.64 U	ug/L	5.1	0.64	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Chloroaniline	0.91 U	ug/L	5.1	0.91	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Chlorophenyl Phenyl Ether	1.7 U	ug/L	5.1	1.7	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Dimethyl aminoazobenzene	0.75 U	ug/L	5.1	0.75	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Nitroaniline	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J
4-Nitrophenol	2.9 U	ug/L	5.1	2.9	1	02/15/2022 16:30	02/24/2022 11:22	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.1	2.9	1	02/15/2022 16:30	02/24/2022 11:22	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Acenaphthene	0.041 U	ug/L	0.20	0.041	1	02/15/2022 16:30	02/24/2022 11:22	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acenaphthylene	0.043 U	ug/L	0.20	0.043	1	02/15/2022 16:30	02/24/2022 11:22	J
Acetophenone	1.6 U	ug/L	5.1	1.6	1	02/15/2022 16:30	02/24/2022 11:22	J
Anthracene	0.036 U	ug/L	0.20	0.036	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzo[a]anthracene	0.013 U	ug/L	0.20	0.013	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzo[a]pyrene	0.038 U	ug/L	0.20	0.038	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzo[b]fluoranthene	0.013 U	ug/L	0.10	0.013	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzo[g,h,i]perylene	0.048 U	ug/L	0.20	0.048	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzo[k]fluoranthene	0.049 U	ug/L	0.20	0.049	1	02/15/2022 16:30	02/24/2022 11:22	J
Benzyl Alcohol	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 11:22	J
Butyl benzyl phthalate	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Chlorobenzilate	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Chrysene	0.034 U	ug/L	0.20	0.034	1	02/15/2022 16:30	02/24/2022 11:22	J
Di-n-Butyl Phthalate	0.89 U	ug/L	5.1	0.89	1	02/15/2022 16:30	02/24/2022 11:22	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Diallate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Dibenzo[a,h]anthracene	0.024 U	ug/L	0.20	0.024	1	02/15/2022 16:30	02/24/2022 11:22	J
Dibenzofuran	0.070 U	ug/L	5.1	0.070	1	02/15/2022 16:30	02/24/2022 11:22	J
Diethyl phthalate	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Dimethoate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	02/15/2022 16:30	02/24/2022 11:22	J
Dinoseb	2.4 U	ug/L	5.1	2.4	1	02/15/2022 16:30	02/24/2022 11:22	J
Diphenylamine	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Disulfoton	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Ethyl methanesulfonate	0.93 U	ug/L	5.1	0.93	1	02/15/2022 16:30	02/24/2022 11:22	J
Famphur	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J
Fluoranthene	0.038 U	ug/L	0.20	0.038	1	02/15/2022 16:30	02/24/2022 11:22	J
Fluorene	0.039 U	ug/L	0.20	0.039	1	02/15/2022 16:30	02/24/2022 11:22	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003	Date Collected: 02/09/2022 11:50					Matrix: Water			
Sample ID: TH-84	Date Received: 02/09/2022 14:48								
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Hexachlorobenzene	1.0 U	ug/L	5.1	1.0	1	02/15/2022 16:30	02/24/2022 11:22	J	
Hexachlorobutadiene	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
Hexachlorocyclopentadiene	1.1 U	ug/L	5.1	1.1	1	02/15/2022 16:30	02/24/2022 11:22	J	
Hexachloroethane	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
Hexachloropropene	2.7 U	ug/L	5.1	2.7	1	02/15/2022 16:30	02/24/2022 11:22	J	
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.20	0.011	1	02/15/2022 16:30	02/24/2022 11:22	J	
Isodrin	3.1 U	ug/L	5.1	3.1	1	02/15/2022 16:30	02/24/2022 11:22	J	
Isophorone	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
Isosafrole	3.2 U	ug/L	5.1	3.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
Kepone	5.3 U	ug/L	82	5.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
Methapyrilene	1.9 U	ug/L	5.1	1.9	1	02/15/2022 16:30	02/24/2022 11:22	J	
Methyl Methanesulfonate	0.69 U	ug/L	5.1	0.69	1	02/15/2022 16:30	02/24/2022 11:22	J	
Methyl Parathion	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosodi-n-propylamine	2.3 U	ug/L	5.1	2.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosodiethylamine	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosodimethylamine	0.95 U	ug/L	5.1	0.95	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosodiphenylamine	2.1 U	ug/L	5.1	2.1	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosomethylethylamine	2.8 U	ug/L	5.1	2.8	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosopiperidine	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J	
N-Nitrosopyrrolidine	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
Naphthalene	0.049 U	ug/L	0.20	0.049	1	02/15/2022 16:30	02/24/2022 11:22	J	
Nitrobenzene	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
Parathion (Ethyl)	2.2 U	ug/L	5.1	2.2	1	02/15/2022 16:30	02/24/2022 11:22	J	
Pentachlorobenzene	1.4 U	ug/L	5.1	1.4	1	02/15/2022 16:30	02/24/2022 11:22	J	
Pentachloronitrobenzene	1.8 U	ug/L	5.1	1.8	1	02/15/2022 16:30	02/24/2022 11:22	J	
Pentachlorophenol	0.97 U	ug/L	5.1	0.97	1	02/15/2022 16:30	02/24/2022 11:22	J	

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Phenacetin	3.2 U	ug/L	5.1	3.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Phenanthrene	0.041 U	ug/L	0.20	0.041	1	02/15/2022 16:30	02/24/2022 11:22	J
Phenol	0.56 U	ug/L	5.1	0.56	1	02/15/2022 16:30	02/24/2022 11:22	J
Phorate	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
Pronamide (Kerb)	3.7 U	ug/L	5.1	3.7	1	02/15/2022 16:30	02/24/2022 11:22	J
Pyrene	0.036 U	ug/L	0.20	0.036	1	02/15/2022 16:30	02/24/2022 11:22	J
Safrole	3.6 U	ug/L	5.1	3.6	1	02/15/2022 16:30	02/24/2022 11:22	J
Thionazin (Zinophos)	1.2 U	ug/L	5.1	1.2	1	02/15/2022 16:30	02/24/2022 11:22	J
bis(2-Chloroethoxy)methane	1.3 U	ug/L	5.1	1.3	1	02/15/2022 16:30	02/24/2022 11:22	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J
bis(2-Chloroisopropyl) Ether	1.5 U	ug/L	5.1	1.5	1	02/15/2022 16:30	02/24/2022 11:22	J
bis(2-Ethylhexyl) phthalate	3.0 I	ug/L	5.1	2.0	1	02/15/2022 16:30	02/24/2022 11:22	J
o,o,o-Triethylphosphorothioate	3.0 U	ug/L	5.1	3.0	1	02/15/2022 16:30	02/24/2022 11:22	J
o-Toluidine	2.5 U	ug/L	5.1	2.5	1	02/15/2022 16:30	02/24/2022 11:22	J
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	02/21/2022 08:35	02/21/2022 11:45	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	02/21/2022 08:35	02/21/2022 11:45	J
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:47	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Acetone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	02/18/2022 22:00	02/19/2022 04:47	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Allyl Chloride(3-Chloropropene)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Benzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 04:47	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:47	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043003
Sample ID: TH-84

Date Collected: 02/09/2022 11:50
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	02/18/2022 22:00	02/19/2022 04:47	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 04:47	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	02/18/2022 22:00	02/19/2022 04:47	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Styrene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 04:47	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	02/18/2022 22:00	02/19/2022 04:47	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:47	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 04:47	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 04:47	J

WET CHEMISTRY (EPA 300.0)

Chloride	17	mg/L	10	2	2	02/15/2022 00:59	02/15/2022 00:59	T
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WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.1	mg/L	0.03	0.02	1	02/14/2022 13:41	02/14/2022 13:41	T
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WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids	312	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
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WET CHEMISTRY (SM 4500-CN-E)

Cyanide	0.0040 U	mg/L	0.01	0.0040	1	02/18/2022 11:59	02/18/2022 11:59	T
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043003	Date Collected:	02/09/2022 11:50				Matrix:	Water	
Sample ID:	TH-84	Date Received:	02/09/2022 14:48						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed		Lab
WET CHEMISTRY (SM 4500-S D)									
Sulfide	0.013 U	mg/L	0.05	0.013	1	02/14/2022 11:55	02/14/2022 11:55		T
WET CHEMISTRY (SM 4500NO3-F)									
Nitrate (as N)	1	mg/L	0.1	0.092	1	02/10/2022 21:22	02/10/2022 21:22		T

Analysis Results Comments

Decachlorobiphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	J
Toluene-d8 (S)	ug/L	50	51	101	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	55	109	86 - 123	J
Decachlorobiphenyl (S)	ug/L	0.51	0.12	23	48 - 137	M
Tetrachloro-m-xylene (S)	ug/L	1	0.91	89	44 - 124	M
2,4,6-Tribromophenol (S)	ug/L	51	35	68	48 - 147	J
Phenol-d6 (S)	ug/L	51	13	25	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	51	29	57	42 - 138	J
2-Fluorophenol (S)	ug/L	51	18	36	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	51	29	56	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	51	43	85	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.51	0.12	23	44 - 136	M
Tetrachloro-m-xylene (S)	ug/L	1	0.91	89	61 - 119	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4-Dichlorophenylacetic acid (S)	ug/L	100	94	94	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	77 - 125	J
Toluene-d8 (S)	ug/L	50	51	103	80 - 121	J
Bromofluorobenzene (S)	ug/L	50	51	102	80 - 129	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 14:34	T
Iron	0.0067 U	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 14:34	T
Sodium	0.80 U	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 14:34	T
Tin	0.040 U	mg/L	0.050	0.040	1	02/16/2022 12:00	02/18/2022 14:34	T
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 14:34	T
METALS (SW-846 3010A/SW-846 6020)								
Antimony	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:09	J
Arsenic	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:09	J
Barium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:09	J
Cadmium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:09	J
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:09	J
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:09	J
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:09	J
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:09	J
Manganese	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:09	J
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:09	J
Selenium	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:09	J
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:09	J
Thallium	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:09	J
Vanadium	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:09	J
METALS (SW-846 7470A)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	03/01/2022 11:57	03/02/2022 13:54	T
SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 02:24	J
2,4-D	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 02:24	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004	Date Collected: 02/09/2022 09:00					Matrix: Water		
Sample ID: Field Blank	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	02/15/2022 16:30	02/18/2022 02:24	J
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4`-DDD	0.013 U	ug/L	0.020	0.013	1	02/16/2022 08:00	02/16/2022 19:52	M
4,4`-DDE	0.0083 U	ug/L	0.020	0.0083	1	02/16/2022 08:00	02/16/2022 19:52	M
4,4`-DDT	0.0097 U	ug/L	0.020	0.0097	1	02/16/2022 08:00	02/16/2022 19:52	M
Aldrin	0.0047 U	ug/L	0.020	0.0047	1	02/16/2022 08:00	02/16/2022 19:52	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	1	02/16/2022 08:00	02/16/2022 19:52	M
Dieldrin	0.0067 U	ug/L	0.020	0.0067	1	02/16/2022 08:00	02/16/2022 19:52	M
Endosulfan I	0.0039 U	ug/L	0.020	0.0039	1	02/16/2022 08:00	02/16/2022 19:52	M
Endosulfan II	0.0081 U	ug/L	0.020	0.0081	1	02/16/2022 08:00	02/16/2022 19:52	M
Endosulfan Sulfate	0.0077 U	ug/L	0.020	0.0077	1	02/16/2022 08:00	02/16/2022 19:52	M
Endrin	0.0045 U	ug/L	0.020	0.0045	1	02/16/2022 08:00	02/16/2022 19:52	M
Endrin Aldehyde	0.0049 U	ug/L	0.020	0.0049	1	02/16/2022 08:00	02/16/2022 19:52	M
Heptachlor	0.0076 U	ug/L	0.020	0.0076	1	02/16/2022 08:00	02/16/2022 19:52	M
Heptachlor Epoxide	0.0035 U	ug/L	0.020	0.0035	1	02/16/2022 08:00	02/16/2022 19:52	M
Methoxychlor	0.0079 U	ug/L	0.020	0.0079	1	02/16/2022 08:00	02/16/2022 19:52	M
Toxaphene	0.19 U	ug/L	0.20	0.19	1	02/16/2022 08:00	02/16/2022 19:52	M
alpha-BHC	0.010 U	ug/L	0.020	0.010	1	02/16/2022 08:00	02/16/2022 19:52	M
beta-BHC	0.0098 U	ug/L	0.020	0.0098	1	02/16/2022 08:00	02/16/2022 19:52	M
delta-BHC	0.0086 U	ug/L	0.020	0.0086	1	02/16/2022 08:00	02/16/2022 19:52	M
gamma-BHC (Lindane)	0.0096 U	ug/L	0.020	0.0096	1	02/16/2022 08:00	02/16/2022 19:52	M
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 19:52	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	1	02/16/2022 10:00	02/16/2022 19:52	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	1	02/16/2022 10:00	02/16/2022 19:52	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	1	02/16/2022 10:00	02/16/2022 19:52	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	1	02/16/2022 10:00	02/16/2022 19:52	M





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	1	02/16/2022 10:00	02/16/2022 19:52	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 19:52	M
SEMIVOLATILES (SW-846 3510C/SW-846 8270C)								
1,2,4,5-Tetrachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:02	J
1,2,4-Trichlorobenzene	0.71 U	ug/L	5.2	0.71	1	02/15/2022 16:30	02/24/2022 12:02	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:02	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:02	J
1,3-Dichlorobenzene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
1,3-Dinitrobenzene	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:02	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:02	J
1,4-Naphthoquinone	4.9 U	ug/L	5.2	4.9	1	02/15/2022 16:30	02/24/2022 12:02	J
1,4-Phenylenediamine	5.2 U	ug/L	82	5.2	1	02/15/2022 16:30	02/24/2022 12:02	J
1-Naphthylamine	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 12:02	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4,5-Trichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4,6-Trichlorophenol	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4-Dichlorophenol	0.93 U	ug/L	5.2	0.93	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4-Dimethylphenol	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
2,4-Dinitrotoluene (2,4-DNT)	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:02	J
2,6-Dichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:02	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Acetylaminofluorene	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Chloronaphthalene	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Chlorophenol	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Methylnaphthalene	0.051 U	ug/L	0.21	0.051	1	02/15/2022 16:30	02/24/2022 12:02	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Naphthylamine	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Nitroaniline	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:02	J
2-Nitrophenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 12:02	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 12:02	J
3,3'-Dimethylbenzidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:02	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
3-Methylcholanthrene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:02	J
3-Nitroaniline	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Aminobiphenyl	0.63 U	ug/L	5.2	0.63	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Chloro-3-methylphenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Chloroaniline	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Chlorophenyl Phenyl Ether	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Dimethyl aminoazobenzene	0.76 U	ug/L	5.2	0.76	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Nitroaniline	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
4-Nitrophenol	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:02	J
5-Nitro-o-toluidine	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:02	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Acenaphthene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 12:02	J
Acenaphthylene	0.043 U	ug/L	0.21	0.043	1	02/15/2022 16:30	02/24/2022 12:02	J
Acetophenone	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:02	J
Anthracene	0.036 U	ug/L	0.21	0.036	1	02/15/2022 16:30	02/24/2022 12:02	J
Benzo[a]anthracene	0.013 U	ug/L	0.21	0.013	1	02/15/2022 16:30	02/24/2022 12:02	J
Benzo[a]pyrene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 12:02	J
Benzo[b]fluoranthene	0.013 U	ug/L	0.10	0.013	1	02/15/2022 16:30	02/24/2022 12:02	J
Benzo[g,h,i]perylene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 12:02	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzo[k]fluoranthene	0.050 U	ug/L	0.21	0.050	1	02/15/2022 16:30	02/24/2022 12:02	J
Benzyl Alcohol	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 12:02	J
Butyl benzyl phthalate	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Chlorobenzilate	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Chrysene	0.034 U	ug/L	0.21	0.034	1	02/15/2022 16:30	02/24/2022 12:02	J
Di-n-Butyl Phthalate	1.2 U	ug/L	5.2	0.90	1	02/15/2022 16:30	02/24/2022 12:02	J
Di-n-octyl Phthalate	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Diallate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Dibenzo[a,h]anthracene	0.025 U	ug/L	0.21	0.025	1	02/15/2022 16:30	02/24/2022 12:02	J
Dibenzofuran	0.071 U	ug/L	5.2	0.071	1	02/15/2022 16:30	02/24/2022 12:02	J
Diethyl phthalate	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Dimethoate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	02/15/2022 16:30	02/24/2022 12:02	J
Dinoseb	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 12:02	J
Diphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Disulfoton	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Ethyl methanesulfonate	0.94 U	ug/L	5.2	0.94	1	02/15/2022 16:30	02/24/2022 12:02	J
Famphur	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Fluoranthene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 12:02	J
Fluorene	0.040 U	ug/L	0.21	0.040	1	02/15/2022 16:30	02/24/2022 12:02	J
Hexachlorobenzene	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 12:02	J
Hexachlorobutadiene	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Hexachlorocyclopentadiene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:02	J
Hexachloroethane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Hexachloropropene	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 12:02	J
Indeno(1,2,3-cd)pyrene	0.012 U	ug/L	0.21	0.012	1	02/15/2022 16:30	02/24/2022 12:02	J
Isodrin	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 12:02	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Isophorone	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Isosafrole	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Kepone	5.3 U	ug/L	82	5.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Methapyrilene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:02	J
Methyl Methanesulfonate	0.69 U	ug/L	5.2	0.69	1	02/15/2022 16:30	02/24/2022 12:02	J
Methyl Parathion	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosodi-n-propylamine	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosodiethylamine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosodimethylamine	0.96 U	ug/L	5.2	0.96	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosomethylethylamine	2.8 U	ug/L	5.2	2.8	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosopiperidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J
N-Nitrosopyrrolidine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Naphthalene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 12:02	J
Nitrobenzene	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Parathion (Ethyl)	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Pentachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:02	J
Pentachloronitrobenzene	1.8 U	ug/L	5.2	1.8	1	02/15/2022 16:30	02/24/2022 12:02	J
Pentachlorophenol	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 12:02	J
Phenacetin	3.3 U	ug/L	5.2	3.3	1	02/15/2022 16:30	02/24/2022 12:02	J
Phenanthrene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 12:02	J
Phenol	0.56 U	ug/L	5.2	0.56	1	02/15/2022 16:30	02/24/2022 12:02	J
Phorate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J
Pronamide (Kerb)	3.7 U	ug/L	5.2	3.7	1	02/15/2022 16:30	02/24/2022 12:02	J
Pyrene	0.037 U	ug/L	0.21	0.037	1	02/15/2022 16:30	02/24/2022 12:02	J
Safrole	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 12:02	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004	Date Collected: 02/09/2022 09:00					Matrix: Water			
Sample ID: Field Blank	Date Received: 02/09/2022 14:48								
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Thionazin (Zinophos)	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:02	J	
bis(2-Chloroethoxy)methane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:02	J	
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:02	J	
bis(2-Chloroisopropyl) Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:02	J	
bis(2-Ethylhexyl) phthalate	2.4 I	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:02	J	
o,o,o-Triethylphosphorothioate	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:02	J	
o-Toluidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:02	J	
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	02/21/2022 08:35	02/21/2022 12:09	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	02/21/2022 08:35	02/21/2022 12:09	J	
VOLATILES (SW-846 5030B/SW-846 8260B)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:11	J	
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
2-Butanone (MEK)	1.3	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J	
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	
Acetone	4.3	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J	





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004
Sample ID: Field Blank

Date Collected: 02/09/2022 09:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	02/18/2022 22:00	02/19/2022 05:11	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Allyl Chloride(3-Chloropropene)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Benzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 05:11	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:11	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	02/18/2022 22:00	02/19/2022 05:11	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 05:11	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	02/18/2022 22:00	02/19/2022 05:11	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043004	Date Collected: 02/09/2022 09:00					Matrix: Water		
Sample ID: Field Blank	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Styrene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:11	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	02/18/2022 22:00	02/19/2022 05:11	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:11	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:11	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:11	J
WET CHEMISTRY (EPA 300.0)								
Chloride	1 U	mg/L	5	1	1	02/15/2022 04:27	02/15/2022 04:27	T
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.02 U	mg/L	0.03	0.02	1	02/14/2022 13:37	02/14/2022 13:37	T
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	10 U	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
WET CHEMISTRY (SM 4500-CN-E)								
Cyanide	0.0040 U	mg/L	0.01	0.0040	1	02/18/2022 12:01	02/18/2022 12:01	T
WET CHEMISTRY (SM 4500-S D)								
Sulfide	0.013 U	mg/L	0.05	0.013	1	02/14/2022 11:55	02/14/2022 11:55	T
WET CHEMISTRY (SM 4500NO3-F)								
Nitrate (as N)	0.092 U	mg/L	0.1	0.092	1	02/10/2022 21:28	02/10/2022 21:28	T





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Analysis Results Comments

Decachlorobiphenyl

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	105	70 - 128	J
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J
Decachlorobiphenyl (S)	ug/L	0.51	0.16	32	48 - 137	M
Tetrachloro-m-xylene (S)	ug/L	1	0.75	73	44 - 124	M
2,4,6-Tribromophenol (S)	ug/L	52	44	85	48 - 147	J
Phenol-d6 (S)	ug/L	52	17	34	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	52	40	78	42 - 138	J
2-Fluorophenol (S)	ug/L	52	25	48	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	52	39	76	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	52	49	95	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.51	0.16	32	44 - 136	M
Tetrachloro-m-xylene (S)	ug/L	1	0.75	73	61 - 119	M
2,4-Dichlorophenylacetic acid (S)	ug/L	100	94	94	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	77 - 125	J
Toluene-d8 (S)	ug/L	50	52	105	80 - 121	J
Bromofluorobenzene (S)	ug/L	50	51	103	80 - 129	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID:	T2203043005		Date Collected:			02/09/2022 00:00		Matrix:	Water
Sample ID:	Duplicate		Date Received:			02/09/2022 14:48			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Beryllium	0.0020 U	mg/L	0.010	0.0020	1	02/16/2022 12:00	02/18/2022 14:36	T	
Iron	0.058 I	mg/L	0.10	0.0067	1	02/16/2022 12:00	02/18/2022 14:36	T	
Sodium	13	mg/L	1.0	0.80	1	02/16/2022 12:00	02/18/2022 14:36	T	
Tin	0.040 U	mg/L	0.050	0.040	1	02/16/2022 12:00	02/18/2022 14:36	T	
Zinc	0.050 U	mg/L	0.10	0.050	1	02/16/2022 12:00	02/18/2022 14:36	T	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	0.0011 I	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:14	J	
Arsenic	0.00049 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:14	J	
Barium	0.0042	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:14	J	
Cadmium	0.00039 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:14	J	
Chromium	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:14	J	
Cobalt	0.00025 U	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:14	J	
Copper	0.0010 U	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:14	J	
Lead	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:14	J	
Manganese	0.035	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:14	J	
Nickel	0.0012 U	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:14	J	
Selenium	0.036	mg/L	0.0050	0.0012	1	02/15/2022 07:55	02/15/2022 17:14	J	
Silver	0.00050 U	mg/L	0.0020	0.00050	1	02/15/2022 07:55	02/15/2022 17:14	J	
Thallium	0.00047 I	mg/L	0.0010	0.00025	1	02/15/2022 07:55	02/15/2022 17:14	J	
Vanadium	0.036	mg/L	0.0040	0.0010	1	02/15/2022 07:55	02/15/2022 17:14	J	
METALS (SW-846 7470A)									
Mercury	0.000021 I	mg/L	0.00010	0.000011	1	02/23/2022 11:30	02/24/2022 10:22	T	
SEMIVOLATILES (8151/EPA 8151)									
2,4,5-T	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 02:58	J	
2,4-D	2.0 U	ug/L	8.0	2.0	1	02/15/2022 16:30	02/18/2022 02:58	J	





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	1	02/15/2022 16:30	02/18/2022 02:58	J
SEMIVOLATILES (SW-846 3510C/EPA 8081)								
4,4'-DDD	0.013 U	ug/L	0.020	0.013	1	02/16/2022 08:00	02/16/2022 21:45	M
4,4'-DDE	0.0083 U	ug/L	0.020	0.0083	1	02/16/2022 08:00	02/16/2022 21:45	M
4,4'-DDT	0.0097 U	ug/L	0.020	0.0097	1	02/16/2022 08:00	02/16/2022 21:45	M
Aldrin	0.0047 U	ug/L	0.020	0.0047	1	02/16/2022 08:00	02/16/2022 21:45	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	1	02/16/2022 08:00	02/16/2022 21:45	M
Dieldrin	0.0067 U	ug/L	0.020	0.0067	1	02/16/2022 08:00	02/16/2022 21:45	M
Endosulfan I	0.0039 U	ug/L	0.020	0.0039	1	02/16/2022 08:00	02/16/2022 21:45	M
Endosulfan II	0.0081 U	ug/L	0.020	0.0081	1	02/16/2022 08:00	02/16/2022 21:45	M
Endosulfan Sulfate	0.0077 U	ug/L	0.020	0.0077	1	02/16/2022 08:00	02/16/2022 21:45	M
Endrin	0.0045 U	ug/L	0.020	0.0045	1	02/16/2022 08:00	02/16/2022 21:45	M
Endrin Aldehyde	0.0049 U	ug/L	0.020	0.0049	1	02/16/2022 08:00	02/16/2022 21:45	M
Heptachlor	0.0076 U	ug/L	0.020	0.0076	1	02/16/2022 08:00	02/16/2022 21:45	M
Heptachlor Epoxide	0.0035 U	ug/L	0.020	0.0035	1	02/16/2022 08:00	02/16/2022 21:45	M
Methoxychlor	0.0079 U	ug/L	0.020	0.0079	1	02/16/2022 08:00	02/16/2022 21:45	M
Toxaphene	0.19 U	ug/L	0.20	0.19	1	02/16/2022 08:00	02/16/2022 21:45	M
alpha-BHC	0.010 U	ug/L	0.020	0.010	1	02/16/2022 08:00	02/16/2022 21:45	M
beta-BHC	0.0098 U	ug/L	0.020	0.0098	1	02/16/2022 08:00	02/16/2022 21:45	M
delta-BHC	0.0086 U	ug/L	0.020	0.0086	1	02/16/2022 08:00	02/16/2022 21:45	M
gamma-BHC (Lindane)	0.0096 U	ug/L	0.020	0.0096	1	02/16/2022 08:00	02/16/2022 21:45	M
SEMIVOLATILES (SW-846 3510C/SW-846 8082A)								
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:45	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	1	02/16/2022 10:00	02/16/2022 21:45	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	1	02/16/2022 10:00	02/16/2022 21:45	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	1	02/16/2022 10:00	02/16/2022 21:45	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	1	02/16/2022 10:00	02/16/2022 21:45	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	1	02/16/2022 10:00	02/16/2022 21:45	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	1	02/16/2022 10:00	02/16/2022 21:45	M
SEMIVOLATILES (SW-846 3510C/SW-846 8270C)								
1,2,4,5-Tetrachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:41	J
1,2,4-Trichlorobenzene	0.71 U	ug/L	5.2	0.71	1	02/15/2022 16:30	02/24/2022 12:41	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:41	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:41	J
1,3-Dichlorobenzene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
1,3-Dinitrobenzene	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:41	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:41	J
1,4-Naphthoquinone	4.9 U	ug/L	5.2	4.9	1	02/15/2022 16:30	02/24/2022 12:41	J
1,4-Phenylenediamine	5.2 U	ug/L	82	5.2	1	02/15/2022 16:30	02/24/2022 12:41	J
1-Naphthylamine	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 12:41	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4,5-Trichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4,6-Trichlorophenol	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4-Dichlorophenol	0.93 U	ug/L	5.2	0.93	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4-Dimethylphenol	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
2,4-Dinitrotoluene (2,4-DNT)	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:41	J
2,6-Dichlorophenol	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:41	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Acetylaminofluorene	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Chloronaphthalene	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Chlorophenol	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Methylnaphthalene	0.051 U	ug/L	0.21	0.051	1	02/15/2022 16:30	02/24/2022 12:41	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Naphthylamine	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Nitroaniline	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:41	J
2-Nitrophenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 12:41	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 12:41	J
3,3'-Dimethylbenzidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:41	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
3-Methylcholanthrene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:41	J
3-Nitroaniline	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Aminobiphenyl	0.63 U	ug/L	5.2	0.63	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Bromophenyl Phenyl Ether	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Chloro-3-methylphenol	0.65 U	ug/L	5.2	0.65	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Chloroaniline	0.92 U	ug/L	5.2	0.92	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Chlorophenyl Phenyl Ether	1.7 U	ug/L	5.2	1.7	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Dimethyl aminoazobenzene	0.76 U	ug/L	5.2	0.76	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Nitroaniline	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
4-Nitrophenol	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:41	J
5-Nitro-o-toluidine	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:41	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Acenaphthene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 12:41	J
Acenaphthylene	0.043 U	ug/L	0.21	0.043	1	02/15/2022 16:30	02/24/2022 12:41	J
Acetophenone	1.6 U	ug/L	5.2	1.6	1	02/15/2022 16:30	02/24/2022 12:41	J
Anthracene	0.036 U	ug/L	0.21	0.036	1	02/15/2022 16:30	02/24/2022 12:41	J
Benzo[a]anthracene	0.013 U	ug/L	0.21	0.013	1	02/15/2022 16:30	02/24/2022 12:41	J
Benzo[a]pyrene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 12:41	J
Benzo[b]fluoranthene	0.024 I	ug/L	0.10	0.013	1	02/15/2022 16:30	02/24/2022 12:41	J
Benzo[g,h,i]perylene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 12:41	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Benzo[k]fluoranthene	0.050 U	ug/L	0.21	0.050	1	02/15/2022 16:30	02/24/2022 12:41	J
Benzyl Alcohol	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 12:41	J
Butyl benzyl phthalate	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Chlorobenzilate	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Chrysene	0.034 U	ug/L	0.21	0.034	1	02/15/2022 16:30	02/24/2022 12:41	J
Di-n-Butyl Phthalate	2.5 I	ug/L	5.2	0.90	1	02/15/2022 16:30	02/24/2022 12:41	J
Di-n-octyl Phthalate	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Diallate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Dibenzo[a,h]anthracene	0.025 U	ug/L	0.21	0.025	1	02/15/2022 16:30	02/24/2022 12:41	J
Dibenzofuran	0.071 U	ug/L	5.2	0.071	1	02/15/2022 16:30	02/24/2022 12:41	J
Diethyl phthalate	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Dimethoate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	1	02/15/2022 16:30	02/24/2022 12:41	J
Dinoseb	2.4 U	ug/L	5.2	2.4	1	02/15/2022 16:30	02/24/2022 12:41	J
Diphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Disulfoton	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Ethyl methanesulfonate	0.94 U	ug/L	5.2	0.94	1	02/15/2022 16:30	02/24/2022 12:41	J
Famphur	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Fluoranthene	0.038 U	ug/L	0.21	0.038	1	02/15/2022 16:30	02/24/2022 12:41	J
Fluorene	0.040 U	ug/L	0.21	0.040	1	02/15/2022 16:30	02/24/2022 12:41	J
Hexachlorobenzene	1.0 U	ug/L	5.2	1.0	1	02/15/2022 16:30	02/24/2022 12:41	J
Hexachlorobutadiene	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Hexachlorocyclopentadiene	1.1 U	ug/L	5.2	1.1	1	02/15/2022 16:30	02/24/2022 12:41	J
Hexachloroethane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Hexachloropropene	2.7 U	ug/L	5.2	2.7	1	02/15/2022 16:30	02/24/2022 12:41	J
Indeno(1,2,3-cd)pyrene	0.012 U	ug/L	0.21	0.012	1	02/15/2022 16:30	02/24/2022 12:41	J
Isodrin	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 12:41	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Isophorone	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Isosafrole	3.2 U	ug/L	5.2	3.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Kepone	5.3 U	ug/L	82	5.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Methapyrilene	1.9 U	ug/L	5.2	1.9	1	02/15/2022 16:30	02/24/2022 12:41	J
Methyl Methanesulfonate	0.69 U	ug/L	5.2	0.69	1	02/15/2022 16:30	02/24/2022 12:41	J
Methyl Parathion	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosodi-n-propylamine	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosodiethylamine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosodimethylamine	0.96 U	ug/L	5.2	0.96	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.2	2.1	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosomethylethylamine	2.8 U	ug/L	5.2	2.8	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosopiperidine	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
N-Nitrosopyrrolidine	2.2 U	ug/L	5.2	2.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Naphthalene	0.049 U	ug/L	0.21	0.049	1	02/15/2022 16:30	02/24/2022 12:41	J
Nitrobenzene	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Parathion (Ethyl)	2.3 U	ug/L	5.2	2.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Pentachlorobenzene	1.4 U	ug/L	5.2	1.4	1	02/15/2022 16:30	02/24/2022 12:41	J
Pentachloronitrobenzene	1.8 U	ug/L	5.2	1.8	1	02/15/2022 16:30	02/24/2022 12:41	J
Pentachlorophenol	0.98 U	ug/L	5.2	0.98	1	02/15/2022 16:30	02/24/2022 12:41	J
Phenacetin	3.3 U	ug/L	5.2	3.3	1	02/15/2022 16:30	02/24/2022 12:41	J
Phenanthrene	0.041 U	ug/L	0.21	0.041	1	02/15/2022 16:30	02/24/2022 12:41	J
Phenol	0.56 U	ug/L	5.2	0.56	1	02/15/2022 16:30	02/24/2022 12:41	J
Phorate	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
Pronamide (Kerb)	3.7 U	ug/L	5.2	3.7	1	02/15/2022 16:30	02/24/2022 12:41	J
Pyrene	0.037 U	ug/L	0.21	0.037	1	02/15/2022 16:30	02/24/2022 12:41	J
Safrole	3.6 U	ug/L	5.2	3.6	1	02/15/2022 16:30	02/24/2022 12:41	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005	Date Collected: 02/09/2022 00:00					Matrix: Water		
Sample ID: Duplicate	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Thionazin (Zinophos)	1.2 U	ug/L	5.2	1.2	1	02/15/2022 16:30	02/24/2022 12:41	J
bis(2-Chloroethoxy)methane	1.3 U	ug/L	5.2	1.3	1	02/15/2022 16:30	02/24/2022 12:41	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:41	J
bis(2-Chloroisopropyl) Ether	1.5 U	ug/L	5.2	1.5	1	02/15/2022 16:30	02/24/2022 12:41	J
bis(2-Ethylhexyl) phthalate	2.1 I	ug/L	5.2	2.0	1	02/15/2022 16:30	02/24/2022 12:41	J
o,o,o-Triethylphosphorothioate	3.0 U	ug/L	5.2	3.0	1	02/15/2022 16:30	02/24/2022 12:41	J
o-Toluidine	2.5 U	ug/L	5.2	2.5	1	02/15/2022 16:30	02/24/2022 12:41	J
VOLATILES (SW-846 5030B/SW-846 8260B (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	02/21/2022 08:35	02/21/2022 12:32	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	02/21/2022 08:35	02/21/2022 12:32	J
VOLATILES (SW-846 5030B/SW-846 8260B)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:35	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Acetone	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005	Date Collected: 02/09/2022 00:00					Matrix: Water		
Sample ID: Duplicate	Date Received: 02/09/2022 14:48							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Acetonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	1	02/18/2022 22:00	02/19/2022 05:35	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Benzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Chloroprene	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 05:35	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:35	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	1	02/18/2022 22:00	02/19/2022 05:35	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	1	02/18/2022 22:00	02/19/2022 05:35	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	02/18/2022 22:00	02/19/2022 05:35	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Lab ID: T2203043005
Sample ID: Duplicate

Date Collected: 02/09/2022 00:00
Date Received: 02/09/2022 14:48

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Styrene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	02/18/2022 22:00	02/19/2022 05:35	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	02/18/2022 22:00	02/19/2022 05:35	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:35	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	02/18/2022 22:00	02/19/2022 05:35	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	02/18/2022 22:00	02/19/2022 05:35	J

WET CHEMISTRY (EPA 300.0)

Chloride	16	mg/L	10	2	2	02/15/2022 04:43	02/15/2022 04:43	T
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WET CHEMISTRY (EPA 350.1)

Ammonia (N)	0.1	mg/L	0.03	0.02	1	02/14/2022 13:42	02/14/2022 13:42	T
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WET CHEMISTRY (SM 2540 C)

Total Dissolved Solids	392	mg/L	10	10	1	02/15/2022 12:00	02/15/2022 12:00	T
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WET CHEMISTRY (SM 4500-CN-E)

Cyanide	0.0040 U	mg/L	0.01	0.0040	1	02/18/2022 12:03	02/18/2022 12:03	T
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WET CHEMISTRY (SM 4500-S D)

Sulfide	0.013 U	mg/L	0.05	0.013	1	02/14/2022 12:05	02/14/2022 12:05	T
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WET CHEMISTRY (SM 4500NO3-F)

Nitrate (as N)	0.9	mg/L	0.1	0.092	1	02/10/2022 21:28	02/10/2022 21:28	T
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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Analytical Results

Analysis Results Comments

Decachlorobiphenyl

J4|Estimated Result

Mercury

J4|Estimated Result

Tetrachloro-m-xylene

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	53	106	70 - 128	J
Toluene-d8 (S)	ug/L	50	52	103	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	54	107	86 - 123	J
Decachlorobiphenyl (S)	ug/L	0.51	0.0110	2	48 - 137	M
Tetrachloro-m-xylene (S)	ug/L	1	0.0440	4	44 - 124	M
2,4,6-Tribromophenol (S)	ug/L	52	49	96	48 - 147	J
Phenol-d6 (S)	ug/L	52	19	37	24 - 120	J
2-Fluorobiphenyl (S)	ug/L	52	45	88	42 - 138	J
2-Fluorophenol (S)	ug/L	52	27	53	31 - 134	J
Nitrobenzene-d5 (S)	ug/L	52	46	89	38 - 139	J
p-Terphenyl-d14 (S)	ug/L	52	53	102	61 - 154	J
Decachlorobiphenyl (S)	ug/L	0.51	0.0110	2	44 - 136	M
Tetrachloro-m-xylene (S)	ug/L	1	0.0440	4	61 - 119	M
2,4-Dichlorophenylacetic acid (S)	ug/L	100	97	97	41 - 122	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	77 - 125	J
Toluene-d8 (S)	ug/L	50	53	106	80 - 121	J
Bromofluorobenzene (S)	ug/L	50	52	103	80 - 129	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: CVAI/1519
Preparation Method: SW-846 7470A
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 7470A

Method Blank(4216983)

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

Lab Control Sample (4216984)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	108	80 - 120	T

Matrix Spike (4216985); Matrix Spike Duplicate (4216986); Parent Lab Sample (T2202529001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	32	80 - 120	0	31	5	20	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: CVAI/1531
Preparation Method: SW-846 7470A
Associated Lab IDs: T2203043004

Analysis Method: SW-846 7470A

Method Blank(4223551)

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

Lab Control Sample (4223552)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	119	80 - 120	T

Matrix Spike (4223553); Matrix Spike Duplicate (4223554); Parent Lab Sample (G2201371001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	58	80 - 120	0	57	3	20	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: GCSJ/2799
Preparation Method: 8151
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: EPA 8151

Method Blank(4209993)

Parameter	Results	Units	PQL	MDL	Lab
2,4-D	2.0 U	ug/L	8.0	2.0	J
Silvex (2,4,5-TP)	1.0 U	ug/L	4.0	1.0	J
2,4,5-T	2.0 U	ug/L	8.0	2.0	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4-Dichlorophenylacetic acid (S)	mg/L	0.10	0.09	88	41 - 122	

Lab Control Sample (4209994); Lab Control Sample Duplicate (4209995)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4-D	ug/L	6	3.7	62	45 - 152	3.7	62	0	30	J
Silvex (2,4,5-TP)	ug/L	2	1.6	81	51 - 134	1.7	86	6	30	J
2,4,5-T	ug/L	2	1.4	72	42 - 147	1.2	61	16	30	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4-Dichlorophenylacetic acid (S)	mg/L	0.10	0.10	104	41 - 122	0.11	111	7	30	

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: GCSm/1916
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: EPA 8081

Method Blank(4205207)

Parameter	Results	Units	PQL	MDL	Lab
alpha-BHC	0.010 U	ug/L	0.020	0.010	M
gamma-BHC (Lindane)	0.0094 U	ug/L	0.020	0.0094	M
beta-BHC	0.0096 U	ug/L	0.020	0.0096	M
delta-BHC	0.0084 U	ug/L	0.020	0.0084	M
Heptachlor	0.0074 U	ug/L	0.020	0.0074	M
Aldrin	0.0046 U	ug/L	0.020	0.0046	M
Heptachlor Epoxide	0.0034 U	ug/L	0.020	0.0034	M
Endosulfan I	0.0038 U	ug/L	0.020	0.0038	M
4,4'-DDE	0.0081 U	ug/L	0.020	0.0081	M
Dieldrin	0.0066 U	ug/L	0.020	0.0066	M
Endrin	0.0044 U	ug/L	0.020	0.0044	M
4,4'-DDD	0.012 U	ug/L	0.020	0.012	M
Endosulfan II	0.0079 U	ug/L	0.020	0.0079	M
Endrin Aldehyde	0.0048 U	ug/L	0.020	0.0048	M
4,4'-DDT	0.0095 U	ug/L	0.020	0.0095	M
Endosulfan Sulfate	0.0075 U	ug/L	0.020	0.0075	M
Methoxychlor	0.0077 U	ug/L	0.020	0.0077	M
Chlordane (technical)	0.18 U	ug/L	0.20	0.18	M
Toxaphene	0.19 U	ug/L	0.20	0.19	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0	64	48 - 137	
Tetrachloro-m-xylene (S)	mg/L	0.0010	0	103	44 - 124	

Lab Control Sample (4205208); Lab Control Sample Duplicate (4205209)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
alpha-BHC	ug/L	0.10	.08	84	54 - 138	.06	61	33	30	M
gamma-BHC (Lindane)	ug/L	0.10	.09	85	59 - 134	.06	63	29	30	M
beta-BHC	ug/L	0.10	.09	85	56 - 136	.06	57	40	30	M
delta-BHC	ug/L	0.10	.08	75	52 - 142	.05	54	33	30	M
Heptachlor	ug/L	0.10	.08	82	54 - 130	.07	65	23	30	M

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: GCSm/1916 Analysis Method: EPA 8081
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Aldrin	ug/L	0.10	.08	79	45 - 134	.06	64	21	30	M
Heptachlor Epoxide	ug/L	0.10	.08	81	61 - 133	.07	66	20	30	M
Endosulfan I	ug/L	0.10	.08	79	62 - 126	.07	67	17	30	M
4,4'-DDE	ug/L	0.10	.08	76	57 - 135	.06	63	19	30	M
Dieldrin	ug/L	0.10	.08	77	60 - 136	.06	63	19	30	M
Endrin	ug/L	0.10	.08	76	60 - 138	.07	65	16	30	M
4,4'-DDD	ug/L	0.10	.08	78	56 - 143	.06	62	24	30	M
Endosulfan II	ug/L	0.10	.08	77	52 - 135	.06	61	23	30	M
Endrin Aldehyde	ug/L	0.10	.07	69	51 - 132	.06	60	14	30	M
4,4'-DDT	ug/L	0.10	.08	78	51 - 143	.07	66	17	30	M
Endosulfan Sulfate	ug/L	0.10	.08	77	62 - 133	.06	65	17	30	M
Methoxychlor	ug/L	0.10	.08	76	54 - 145	.06	62	21	30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.0005	0	69	48 - 137	0	61	13		
Tetrachloro-m-xylene (S)	mg/L	0.0010	0	126	44 - 124	0	93	30		

QC Result Comments

Lab Control Sample Duplicate - 4205209 - alpha-BHC

*|MS/MSD recovery and/or RPD is out of criteria

Lab Control Sample Duplicate - 4205209 - beta-BHC

*|MS/MSD recovery and/or RPD is out of criteria

Lab Control Sample Duplicate - 4205209 - delta-BHC

*|MS/MSD recovery and/or RPD is out of criteria

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: GCSm/1925 Analysis Method: SW-846 8082A
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Method Blank(4210487)

Parameter	Results	Units	PQL	MDL	Lab
Aroclor 1016 (PCB-1016)	0.15 U	ug/L	0.20	0.15	M
Aroclor 1221 (PCB-1221)	0.13 U	ug/L	0.20	0.13	M
Aroclor 1232 (PCB-1232)	0.19 U	ug/L	0.20	0.19	M
Aroclor 1242 (PCB-1242)	0.17 U	ug/L	0.20	0.17	M
Aroclor 1248 (PCB-1248)	0.16 U	ug/L	0.20	0.16	M
Aroclor 1254 (PCB-1254)	0.041 U	ug/L	0.20	0.041	M
Aroclor 1260 (PCB-1260)	0.15 U	ug/L	0.20	0.15	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	mg/L	0.000510	0	64	44 - 136	
Tetrachloro-m-xylene (S)	mg/L	0.0010	0	103	61 - 119	

Lab Control Sample (4210488); Lab Control Sample Duplicate (4210489)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Aroclor 1016 (PCB-1016)	ug/L	1	1.1	112	46 - 129	1.4	133	17	30	M
Aroclor 1260 (PCB-1260)	ug/L	1	1.1	107	45 - 134	1	98	8	30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Decachlorobiphenyl (S)	mg/L	0.00051	0	69	44 - 136	0	61	13		
Tetrachloro-m-xylene (S)	mg/L	0.0010	0	109	61 - 119	0	113	4		

QC Result Comments

Lab Control Sample Duplicate - 4210489 - Aroclor 1016 (PCB-1016)

J3|Lab QC Failure





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: ICM/1768
Preparation Method: SW-846 3010A
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 6020

Method Blank(4205201)

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

Lab Control Sample (4205202)

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	101	80 - 120	J
Manganese	mg/L	0.02	.02	100	80 - 120	J
Cobalt	mg/L	0.02	.02	103	80 - 120	J
Nickel	mg/L	0.02	.02	98	80 - 120	J
Copper	mg/L	0.02	.02	101	80 - 120	J
Arsenic	mg/L	0.02	.02	102	80 - 120	J
Selenium	mg/L	0.02	.02	94	80 - 120	J
Silver	mg/L	0.02	.02	101	80 - 120	J
Cadmium	mg/L	0.02	.02	101	80 - 120	J
Antimony	mg/L	0.02	.02	99	80 - 120	J
Barium	mg/L	0.02	.02	104	80 - 120	J
Thallium	mg/L	0.02	.02	101	80 - 120	J
Lead	mg/L	0.02	.02	103	80 - 120	J

Matrix Spike (4205203); Matrix Spike Duplicate (4205204); Parent Lab Sample (T2202974001)

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: ICMj/1768 **Analysis Method:** SW-846 6020
Preparation Method: SW-846 3010A
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Vanadium	mg/L	0.02	.02	98	75 - 125	.02	92	6	20	J
Chromium	mg/L	0.02	.02	92	75 - 125	.02	87	5	20	J
Manganese	mg/L	0.02	.86	107	75 - 125	.85	27	2	20	J
Cobalt	mg/L	0.02	.02	87	75 - 125	.02	82	6	20	J
Nickel	mg/L	0.02	.02	79	75 - 125	.02	74	6	20	J
Copper	mg/L	0.02	.02	81	75 - 125	.02	76	7	20	J
Arsenic	mg/L	0.02	.02	92	75 - 125	.02	88	5	20	J
Selenium	mg/L	0.02	.02	95	75 - 125	.02	102	8	20	J
Silver	mg/L	0.02	.02	80	75 - 125	.02	76	5	20	J
Cadmium	mg/L	0.02	.02	85	75 - 125	.02	80	6	20	J
Antimony	mg/L	0.02	.02	102	75 - 125	.02	99	3	20	J
Barium	mg/L	0.02	.12	89	75 - 125	.11	83	1	20	J
Thallium	mg/L	0.02	.02	104	75 - 125	.02	99	5	20	J
Lead	mg/L	0.02	.02	104	75 - 125	.02	100	4	20	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: ICP1/2376
Preparation Method: SW-846 3010A
Associated Lab IDs: T2203043001, T2203043002

Analysis Method: SW-846 6010

Method Blank(4209708)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020 U	mg/L	0.010	0.0020	T
Iron	0.0067 U	mg/L	0.10	0.0067	T
Sodium	0.80 U	mg/L	1.0	0.80	T
Tin	0.040 U	mg/L	0.050	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4209709)

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	100	80 - 120	T
Sodium	mg/L	10	10	102	80 - 120	T
Tin	mg/L	0.10	.12	118	80 - 120	T
Zinc	mg/L	1	.99	99	80 - 120	T

Lab Control Sample (4209709)

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	100	80 - 120	T
Sodium	mg/L	10	10	102	80 - 120	T
Tin	mg/L	0.10	.12	118	80 - 120	T
Zinc	mg/L	1	.99	99	80 - 120	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: ICP1/2377
Preparation Method: SW-846 3010A
Associated Lab IDs: T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 6010

Method Blank(4209730)

Parameter	Results	Units	PQL	MDL	Lab
Beryllium	0.0020 U	mg/L	0.010	0.0020	T
Iron	0.0067 U	mg/L	0.10	0.0067	T
Sodium	0.80 U	mg/L	1.0	0.80	T
Tin	0.040 U	mg/L	0.050	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4209731)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	.98	98	80 - 120	T
Iron	mg/L	1	1.1	107	80 - 120	T
Sodium	mg/L	10	10	100	80 - 120	T
Tin	mg/L	0.10	.12	120	80 - 120	T
Zinc	mg/L	1	1	103	80 - 120	T

Lab Control Sample (4209731)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Beryllium	mg/L	1	.98	98	80 - 120	T
Iron	mg/L	1	1.1	107	80 - 120	T
Sodium	mg/L	10	10	100	80 - 120	T
Tin	mg/L	0.10	.12	120	80 - 120	T
Zinc	mg/L	1	1	103	80 - 120	T

Matrix Spike (4209732); Matrix Spike Duplicate (4209733); Parent Lab Sample (T2203043003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Beryllium	mg/L	1	.96	96	75 - 125	.97	97	0	20	T
Iron	mg/L	1	1.1	103	75 - 125	1.1	102	1	20	T
Sodium	mg/L	10	22	97	75 - 125	22	96	0	20	T
Tin	mg/L	0.10	.1	105	75 - 125	.1	104	1	20	T
Zinc	mg/L	1	1	100	75 - 125	.99	99	0	20	T

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: MSSJ/1896
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8270C

Method Blank(4208034)

Parameter	Results	Units	PQL	MDL	Lab
Phenol	0.54 U	ug/L	5.0	0.54	J
2-Chlorophenol	1.5 U	ug/L	5.0	1.5	J
2-Methylphenol (o-Cresol)	1.5 U	ug/L	5.0	1.5	J
3+4-Methylphenol(mp-Cresol)	1.0 U	ug/L	5.0	1.0	J
2-Nitrophenol	0.63 U	ug/L	5.0	0.63	J
2,4-Dimethylphenol	2.6 U	ug/L	5.0	2.6	J
2,4-Dichlorophenol	0.90 U	ug/L	5.0	0.90	J
2,6-Dichlorophenol	1.3 U	ug/L	5.0	1.3	J
4-Chloro-3-methylphenol	0.63 U	ug/L	5.0	0.63	J
2,4,6-Trichlorophenol	1.4 U	ug/L	5.0	1.4	J
2,4,5-Trichlorophenol	1.3 U	ug/L	5.0	1.3	J
2,4-Dinitrophenol	1.1 U	ug/L	10	1.1	J
4-Nitrophenol	2.9 U	ug/L	5.0	2.9	J
2,3,4,6-Tetrachlorophenol	1.3 U	ug/L	5.0	1.3	J
2-Methyl-4,6-dinitrophenol	1.2 U	ug/L	5.0	1.2	J
Pentachlorophenol	0.95 U	ug/L	5.0	0.95	J
N-Nitrosodimethylamine	0.93 U	ug/L	5.0	0.93	J
Methyl Methanesulfonate	0.67 U	ug/L	5.0	0.67	J
Ethyl methanesulfonate	0.91 U	ug/L	5.0	0.91	J
bis(2-Chloroethyl)Ether	1.5 U	ug/L	5.0	1.5	J
1,3-Dichlorobenzene	1.0 U	ug/L	5.0	1.0	J
1,4-Dichlorobenzene	2.0 U	ug/L	5.0	2.0	J
1,2-Dichlorobenzene	1.4 U	ug/L	5.0	1.4	J
Benzyl Alcohol	2.4 U	ug/L	5.0	2.4	J
bis(2-Chloroisopropyl) Ether	1.4 U	ug/L	5.0	1.4	J
Acetophenone	1.6 U	ug/L	5.0	1.6	J
N-Nitrosodi-n-propylamine	2.2 U	ug/L	5.0	2.2	J
Hexachloroethane	1.2 U	ug/L	5.0	1.2	J
Nitrobenzene	1.1 U	ug/L	5.0	1.1	J
N-Nitrosopiperidine	1.3 U	ug/L	5.0	1.3	J
Isophorone	1.1 U	ug/L	5.0	1.1	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8270C

Parameter	Results	Units	PQL	MDL	Lab
bis(2-Chloroethoxy)methane	1.2 U	ug/L	5.0	1.2	J
1,2,4-Trichlorobenzene	0.69 U	ug/L	5.0	0.69	J
Naphthalene	0.048 U	ug/L	0.20	0.048	J
4-Chloroaniline	0.90 U	ug/L	5.0	0.90	J
Hexachlorobutadiene	1.3 U	ug/L	5.0	1.3	J
N-Nitrosodi-n-butylamine	1.5 U	ug/L	5.0	1.5	J
2-Methylnaphthalene	0.049 U	ug/L	0.20	0.049	J
Hexachlorocyclopentadiene	1.0 U	ug/L	5.0	1.0	J
1,2,4,5-Tetrachlorobenzene	1.3 U	ug/L	5.0	1.3	J
2-Chloronaphthalene	1.7 U	ug/L	5.0	1.7	J
2-Nitroaniline	1.5 U	ug/L	5.0	1.5	J
Dimethyl phthalate	1.8 U	ug/L	10	1.8	J
2,6-Dinitrotoluene (2,6-DNT)	2.0 U	ug/L	5.0	2.0	J
Acenaphthylene	0.042 U	ug/L	0.20	0.042	J
3-Nitroaniline	1.1 U	ug/L	5.0	1.1	J
Acenaphthene	0.040 U	ug/L	0.20	0.040	J
Pentachlorobenzene	1.3 U	ug/L	5.0	1.3	J
Dibenzofuran	0.069 U	ug/L	5.0	0.069	J
2,4-Dinitrotoluene (2,4-DNT)	1.8 U	ug/L	5.0	1.8	J
1-Naphthylamine	0.95 U	ug/L	5.0	0.95	J
2-Naphthylamine	0.89 U	ug/L	5.0	0.89	J
Diethyl phthalate	2.1 U	ug/L	5.0	2.1	J
Fluorene	0.038 U	ug/L	0.20	0.038	J
4-Chlorophenyl Phenyl Ether	1.6 U	ug/L	5.0	1.6	J
4-Nitroaniline	1.3 U	ug/L	5.0	1.3	J
Diphenylamine	2.1 U	ug/L	5.0	2.1	J
Phenacetin	3.2 U	ug/L	5.0	3.2	J
4-Bromophenyl Phenyl Ether	1.1 U	ug/L	5.0	1.1	J
Hexachlorobenzene	0.99 U	ug/L	5.0	0.99	J
Pentachloronitrobenzene	1.7 U	ug/L	5.0	1.7	J
4-Aminobiphenyl	0.61 U	ug/L	5.0	0.61	J
Pronamide (Kerb)	3.6 U	ug/L	5.0	3.6	J
Phenanthrene	0.040 U	ug/L	0.20	0.040	J
Anthracene	0.035 U	ug/L	0.20	0.035	J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8270C

Parameter	Results	Units	PQL	MDL	Lab
Di-n-Butyl Phthalate	0.88 U	ug/L	5.0	0.88	J
Fluoranthene	0.037 U	ug/L	0.20	0.037	J
Pyrene	0.036 U	ug/L	0.20	0.036	J
4-Dimethyl aminoazobenzene	0.73 U	ug/L	5.0	0.73	J
Butyl benzyl phthalate	1.1 U	ug/L	5.0	1.1	J
Benzo[a]anthracene	0.012 U	ug/L	0.20	0.012	J
3,3'-Dichlorobenzidine	1.3 U	ug/L	5.0	1.3	J
Chrysene	0.033 U	ug/L	0.20	0.033	J
bis(2-Ethylhexyl) phthalate	2.4 I	ug/L	5.0	2.0	J
Di-n-octyl Phthalate	1.2 U	ug/L	5.0	1.2	J
Benzo[b]fluoranthene	0.012 U	ug/L	0.10	0.012	J
7,12-Dimethylbenz[a]anthracene	1.1 U	ug/L	5.0	1.1	J
Benzo[k]fluoranthene	0.048 U	ug/L	0.20	0.048	J
Benzo[a]pyrene	0.037 U	ug/L	0.20	0.037	J
3-Methylcholanthrene	1.9 U	ug/L	5.0	1.9	J
Indeno(1,2,3-cd)pyrene	0.011 U	ug/L	0.20	0.011	J
Dibenzo[a,h]anthracene	0.024 U	ug/L	0.20	0.024	J
Benzo[g,h,i]perylene	0.048 U	ug/L	0.20	0.048	J
N-Nitrosodiphenylamine	2.1 U	ug/L	5.0	2.1	J
N-Nitrosomethylethylamine	2.7 U	ug/L	5.0	2.7	J
N-Nitrosodiethylamine	2.1 U	ug/L	5.0	2.1	J
N-Nitrosopyrrolidine	2.1 U	ug/L	5.0	2.1	J
o-Toluidine	2.4 U	ug/L	5.0	2.4	J
o,o,o-Triethylphosphorothioate	2.9 U	ug/L	5.0	2.9	J
Hexachloropropene	2.7 U	ug/L	5.0	2.7	J
1,4-Phenylenediamine	5.0 U	ug/L	80	5.0	J
Safrole	3.5 U	ug/L	5.0	3.5	J
Isosafrole	3.2 U	ug/L	5.0	3.2	J
1,4-Naphthoquinone	4.8 U	ug/L	5.0	4.8	J
1,3-Dinitrobenzene	2.1 U	ug/L	5.0	2.1	J
5-Nitro-o-toluidine	2.9 U	ug/L	5.0	2.9	J
1,3,5-Trinitrobenzene	2.5 U	ug/L	5.0	2.5	J
Methapyrilene	1.8 U	ug/L	5.0	1.8	J
Isodrin	3.1 U	ug/L	5.0	3.1	J





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896 **Analysis Method:** SW-846 8270C
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Results	Units	PQL	MDL	Lab
3,3'-Dimethylbenzidine	2.4 U	ug/L	5.0	2.4	J
2-Acetylaminofluorene	3.5 U	ug/L	5.0	3.5	J
Thionazin (Zinophos)	1.2 U	ug/L	5.0	1.2	J
Diallate	1.1 U	ug/L	5.0	1.1	J
Phorate	1.2 U	ug/L	5.0	1.2	J
Dimethoate	1.2 U	ug/L	5.0	1.2	J
Dinoseb	2.3 U	ug/L	5.0	2.3	J
Methyl Parathion	1.3 U	ug/L	5.0	1.3	J
Chlorobenzilate	2.0 U	ug/L	5.0	2.0	J
Kepone	5.2 U	ug/L	80	5.2	J
Famphur	2.0 U	ug/L	5.0	2.0	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.04	85	48 - 147	
2-Fluorobiphenyl (S)	mg/L	0.05	0.04	81	42 - 138	
2-Fluorophenol (S)	mg/L	0.05	0.04	75	31 - 134	
Nitrobenzene-d5 (S)	mg/L	0.05	0.04	83	38 - 139	
Phenol-d6 (S)	mg/L	0.05	0.03	65	24 - 120	
p-Terphenyl-d14 (S)	mg/L	0.05	0.05	98	61 - 154	

Lab Control Sample (4208035); Lab Control Sample Duplicate (4208036)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
N-Nitrosodimethylamine	ug/L	50	43	87		44	87	1		J
Methyl Methanesulfonate	ug/L	50	45	89		45	91	2		J
Ethyl methanesulfonate	ug/L	50	47	95		48	96	1		J
Phenol	ug/L	50	36	72	19 - 106	37	74	3	20	J
bis(2-Chloroethyl)Ether	ug/L	50	46	93		47	95	2		J
2-Chlorophenol	ug/L	50	45	89		45	90	1		J
1,3-Dichlorobenzene	ug/L	50	44	87		44	89	1		J
1,4-Dichlorobenzene	ug/L	50	44	89	29 - 112	46	91	2	20	J
1,2-Dichlorobenzene	ug/L	50	45	90		46	92	2		J
Benzyl Alcohol	ug/L	50	49	97		49	98	1		J
bis(2-Chloroisopropyl) Ethe	ug/L	50	45	91		46	91	1		J
2-Methylphenol (o-Cresol)	ug/L	50	45	90		46	91	1		J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896 Analysis Method: SW-846 8270C
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Acetophenone	ug/L	50	47	94		48	96	2		J
N-Nitrosodi-n-propylamine	ug/L	50	48	95		48	96	1		J
3+4-Methylphenol(mp-Cres	ug/L	50	46	91		46	92	1		J
Hexachloroethane	ug/L	50	45	90	21 - 115	45	90	0	20	J
Nitrobenzene	ug/L	50	49	98	45 - 121	47	95	3	20	J
Isophorone	ug/L	50	48	96		47	94	2		J
2-Nitrophenol	ug/L	50	49	98		49	98	0		J
2,4-Dimethylphenol	ug/L	50	50	100		49	99	1		J
bis(2-Chloroethoxy)methan	ug/L	50	48	96		48	96	0		J
2,4-Dichlorophenol	ug/L	50	50	99	47 - 121	49	97	2	20	J
1,2,4-Trichlorobenzene	ug/L	50	49	99		49	97	1		J
Naphthalene	ug/L	50	47	95		46	92	2		J
4-Chloroaniline	ug/L	50	40	81		40	79	2		J
2,6-Dichlorophenol	ug/L	50	57	114		57	113	1		J
Hexachlorobutadiene	ug/L	50	49	98	22 - 124	49	97	1	20	J
4-Chloro-3-methylphenol	ug/L	50	50	100	52 - 119	49	98	2	20	J
2-Methylnaphthalene	ug/L	50	47	93		47	94	0		J
Hexachlorocyclopentadiene	ug/L	50	48	95		50	99	4		J
1,2,4,5-Tetrachlorobenzene	ug/L	50	48	96		51	102	6		J
2,4,6-Trichlorophenol	ug/L	50	49	97	50 - 125	49	98	1	20	J
2,4,5-Trichlorophenol	ug/L	50	48	96		51	101	5		J
2-Chloronaphthalene	ug/L	50	48	96		49	99	3		J
2-Nitroaniline	ug/L	50	51	102		52	104	2		J
Dimethyl phthalate	ug/L	50	44	87		45	91	3		J
2,6-Dinitrotoluene (2,6-DNT	ug/L	50	52	104		51	103	1		J
Acenaphthylene	ug/L	50	49	97		51	102	4		J
3-Nitroaniline	ug/L	50	50	100		53	105	5		J
Acenaphthene	ug/L	50	48	95	47 - 122	48	97	2	20	J
2,4-Dinitrophenol	ug/L	50	41	81		44	89	9		J
Pentachlorobenzene	ug/L	50	48	97		51	102	5		J
Dibenzofuran	ug/L	50	49	98		50	100	2		J
2,4-Dinitrotoluene (2,4-DNT	ug/L	50	51	102	57 - 128	51	102	0	20	J
4-Nitrophenol	ug/L	50	31	61		31	63	3		J





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8270C

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,3,4,6-Tetrachlorophenol	ug/L	50	44	87		46	91	4		J
Diethyl phthalate	ug/L	50	46	92		48	96	5		J
Fluorene	ug/L	50	48	97	52 - 124	50	100	3	20	J
4-Chlorophenyl Phenyl Eth	ug/L	50	49	98		51	102	4		J
4-Nitroaniline	ug/L	50	52	105		54	109	4		J
2-Methyl-4,6-dinitrophenol	ug/L	50	56	111		59	117	5		J
N-Nitrosodiphenylamine	ug/L	50	43	85		43	86	1		J
Diphenylamine	ug/L	50	43	85		43	86	1		J
Phenacetin	ug/L	50	53	106		53	107	1		J
4-Bromophenyl Phenyl Eth	ug/L	50	50	100		50	100	0		J
Hexachlorobenzene	ug/L	50	49	98	53 - 125	50	99	1	20	J
Pentachlorophenol	ug/L	50	39	79	35 - 138	41	82	5	20	J
Pentachloronitrobenzene	ug/L	50	49	98		49	99	1		J
Pronamide (Kerb)	ug/L	50	52	104		53	107	3		J
Phenanthrene	ug/L	50	50	100		50	100	1		J
Anthracene	ug/L	50	51	102		51	102	0		J
Di-n-Butyl Phthalate	ug/L	50	51	101		50	100	1		J
Fluoranthene	ug/L	50	50	101	57 - 128	52	104	3	20	J
Pyrene	ug/L	50	54	107		52	104	3		J
Butyl benzyl phthalate	ug/L	50	55	110		54	109	1		J
Benzo[a]anthracene	ug/L	50	50	101		49	98	3		J
Chrysene	ug/L	50	51	101		50	100	1		J
bis(2-Ethylhexyl) phthalate	ug/L	50	56	113	55 - 135	55	111	2	20	J
Di-n-octyl Phthalate	ug/L	50	56	111		55	111	0		J
Benzo[b]fluoranthene	ug/L	50	53	106		55	109	3		J
Benzo[k]fluoranthene	ug/L	50	49	98		51	102	4		J
Benzo[a]pyrene	ug/L	50	53	106	54 - 128	54	107	1	20	J
Indeno(1,2,3-cd)pyrene	ug/L	50	55	110		57	113	3		J
3-Methylcholanthrene	ug/L	50	51	102		53	106	4		J
Dibenzo[a,h]anthracene	ug/L	50	50	101		52	104	3		J
Benzo[g,h,i]perylene	ug/L	50	48	96		48	97	1		J
N-Nitrosopiperidine	ug/L	50	50	100		49	97	3		J
N-Nitrosodi-n-butylamine	ug/L	50	56	113		56	112	1		J

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSSJ/1896 **Analysis Method:** SW-846 8270C
Preparation Method: SW-846 3510C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1-Naphthylamine	ug/L	50	43	85		45	89	5		J
2-Naphthylamine	ug/L	50	32	65		35	69	7		J
4-Aminobiphenyl	ug/L	50	27	54		29	57	5		J
4-Dimethyl aminoazobenze	ug/L	50	55	110		54	108	2		J
3,3'-Dichlorobenzidine	ug/L	50	40	80		39	79	1		J
7,12-Dimethylbenz[a]anthra	ug/L	50	47	95		49	97	3		J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
2,4,6-Tribromophenol (S)	mg/L	0.05	0.05	106	48 - 147	0.05	107	0		
2-Fluorobiphenyl (S)	mg/L	0.05	0.05	102	42 - 138	0.05	106	4		
2-Fluorophenol (S)	mg/L	0.05	0.05	91	31 - 134	0.05	93	2		
Nitrobenzene-d5 (S)	mg/L	0.05	0.05	106	38 - 139	0.05	104	2		
Phenol-d6 (S)	mg/L	0.05	0.04	78	24 - 120	0.04	79	2		
p-Terphenyl-d14 (S)	mg/L	0.05	0.06	112	61 - 154	0.06	110	2		

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: MSVJ/3387
Preparation Method: SW-846 5030B
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8260B

Method Blank(4213351)

Parameter	Results	Units	PQL	MDL	Lab
Dichlorodifluoromethane	0.50 U	ug/L	2.0	0.50	J
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
Acrolein (Propenal)	1.5 U	ug/L	5.0	1.5	J
Acetone	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
2,2-Dichloropropane	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloropropene	0.50 U	ug/L	2.0	0.50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	J
Bromodichloromethane	0.50 U	ug/L	2.0	0.50	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSVJ/3387 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Results	Units	PQL	MDL	Lab
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J
1,3-Dichloropropane	0.20 U	ug/L	1.0	0.20	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Bromoform	0.25 U	ug/L	1.0	0.25	J
Styrene	0.50 U	ug/L	2.0	0.50	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	J
Acetonitrile	0.50 U	ug/L	2.0	0.50	J
Allyl Chloride(3-Chloropropene	0.50 U	ug/L	2.0	0.50	J
Propionitrile (Ethyl cyanide)	0.50 U	ug/L	2.0	0.50	J
Chloroprene	1.0 U	ug/L	5.0	1.0	J
Methacrylonitrile	0.25 U	ug/L	1.0	0.25	J
Isobutyl Alcohol	2.5 U	ug/L	10	2.5	J
Methyl Methacrylate	1.0 U	ug/L	5.0	1.0	J
Ethyl Methacrylate	0.50 U	ug/L	2.0	0.50	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

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

Lab Control Sample (4213352); Lab Control Sample Duplicate (4213353)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Dichlorodifluoromethane	ug/L	20	20	99		18	90	9		J

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSVJ/3387
Preparation Method: SW-846 5030B
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SW-846 8260B

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	15	77		15	76	1		J
Vinyl Chloride	ug/L	20	17	87	70 - 130	17	87	0	20	J
Bromomethane	ug/L	20	6	30		4.7	23	24		J
Chloroethane	ug/L	20	21	105		21	103	2		J
Trichlorofluoromethane	ug/L	20	21	105		20	100	5		J
Acrolein (Propenal)	ug/L	100	94	94		82	82	14		J
Acetone	ug/L	20	22	108		22	110	2		J
1,1-Dichloroethylene	ug/L	20	22	112	70 - 130	21	107	5	20	J
Iodomethane (Methyl Iodide)	ug/L	20	7.2	36		6.5	33	9		J
Acrylonitrile	ug/L	20	20	102		20	102	0		J
Methylene Chloride	ug/L	20	21	104		20	101	3		J
Carbon Disulfide	ug/L	20	22	109		21	104	4		J
trans-1,2-Dichloroethylene	ug/L	20	22	110		21	106	4		J
1,1-Dichloroethane	ug/L	20	22	111		21	107	4		J
Vinyl Acetate	ug/L	20	17	85		6.6	33	88		J
2-Butanone (MEK)	ug/L	20	22	111		21	105	5		J
cis-1,2-Dichloroethylene	ug/L	20	22	108	70 - 130	20	102	6	20	J
Bromochloromethane	ug/L	20	23	116		23	113	3		J
Chloroform	ug/L	20	22	109	70 - 130	21	105	4	20	J
2,2-Dichloropropane	ug/L	20	21	105		16	79	28		J
1,2-Dichloroethane	ug/L	20	22	108		21	105	3		J
1,1,1-Trichloroethane	ug/L	20	22	108		21	105	3		J
1,1-Dichloropropene	ug/L	20	22	110		21	106	3		J
Carbon Tetrachloride	ug/L	20	22	110		21	105	4		J
Benzene	ug/L	20	22	110	70 - 130	21	105	4	20	J
Dibromomethane	ug/L	20	22	109		21	107	1		J
1,2-Dichloropropane	ug/L	20	22	111		22	108	3		J
Trichloroethene	ug/L	20	22	110	70 - 130	23	116	5	20	J
Bromodichloromethane	ug/L	20	21	107		21	103	4		J
cis-1,3-Dichloropropene	ug/L	20	19	96		18	89	7		J
4-Methyl-2-pentanone (MIB)	ug/L	20	19	96		19	93	3		J
trans-1,3-Dichloropropylene	ug/L	20	18	90		17	84	8		J
1,1,2-Trichloroethane	ug/L	20	21	107		20	102	5		J

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Batch: MSVJ/3387 Analysis Method: SW-846 8260B
Preparation Method: SW-846 5030B
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Toluene	ug/L	20	22	111	70 - 130	21	106	5	20	J
1,3-Dichloropropane	ug/L	20	22	108		20	102	6		J
2-Hexanone	ug/L	20	18	92		18	92	1		J
Dibromochloromethane	ug/L	20	21	105		19	97	8		J
Tetrachloroethylene (PCE)	ug/L	20	22	108	70 - 130	20	101	7	20	J
1,1,1,2-Tetrachloroethane	ug/L	20	21	106		21	104	2		J
Chlorobenzene	ug/L	20	21	107	70 - 130	20	102	4	20	J
Ethylbenzene	ug/L	20	23	114	70 - 130	21	106	7	20	J
Bromoform	ug/L	20	19	97		18	92	6		J
Styrene	ug/L	20	21	103		20	98	4		J
1,1,2,2-Tetrachloroethane	ug/L	20	21	106		17	87	20		J
1,2,3-Trichloropropane	ug/L	20	20	102		21	107	4		J
Xylene (Total)	ug/L	60	66	110	70 - 130	62	104	5	20	J

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	50	100	0		
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	51	102	1		
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	52	103	2		

Matrix Spike (4213354); Parent Lab Sample (J2202233007)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Benzene	ug/L	20	24	106	70 - 130	J
Toluene	ug/L	20	21	105	70 - 130	J
Ethylbenzene	ug/L	20	25	108	70 - 130	J
Xylene (Total)	ug/L	60	64	105	70 - 130	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	105	70 - 128	
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: MSVJ/3401 Analysis Method: SW-846 8260B (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Method Blank(4214898)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	J
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	77 - 125	
Bromofluorobenzene (S)	ug/L	50	50	99	80 - 129	
Toluene-d8 (S)	ug/L	50	53	105	80 - 121	

Lab Control Sample (4214899); Lab Control Sample Duplicate (4214900)

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	.78	98	70 - 130	.71	89	9	30	J
1,2-Dibromo-3-Chloropro	ug/L	0.80	1.1	141	70 - 130	.98	123	14	30	J

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	77 - 125	51	103	3		
Bromofluorobenzene (S)	ug/L	50	51	101	80 - 129	50	101	0		
Toluene-d8 (S)	ug/L	50	52	105	80 - 121	53	106	2		

Matrix Spike (4214901); Parent Lab Sample (J2202333001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	.65	81	70 - 130	J
1,2-Dibromo-3-Chloropropane	ug/L	0.80	.89	111	70 - 130	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	77 - 125	
Bromofluorobenzene (S)	ug/L	50	50	100	80 - 129	
Toluene-d8 (S)	ug/L	50	54	109	80 - 121	

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10299
Preparation Method: SM 4500NO3-F
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SM 4500NO3-F

Method Blank(4204040)

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

Lab Control Sample (4204041)

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

Matrix Spike (4204042); Matrix Spike Duplicate (4204043); Parent Lab Sample (T2202715034)

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	96	90 - 110	1	104	8	10	T

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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10320
Preparation Method: EPA 350.1
Associated Lab IDs: T2203043001

Analysis Method: EPA 350.1

Matrix Spike (4204709); Matrix Spike Duplicate (4204710); Parent Lab Sample (T2202866002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	104	90 - 110	1	102	1	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10320 Analysis Method: EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Method Blank(4204707)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.02 U	mg/L	0.03	0.02	T

Lab Control Sample (4204708)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	.5	91	90 - 110	T

Matrix Spike (4204711); Matrix Spike Duplicate (4204712); Parent Lab Sample (T2203043001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	1	1	107	90 - 110	1	108	1	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10328
Preparation Method: SM 4500-S D
Associated Lab IDs: T2203043001

Analysis Method: SM 4500-S D

Matrix Spike (4205089); Matrix Spike Duplicate (4205090); Parent Lab Sample (A2201443002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Sulfide	mg/L	0.40	.5	102	90 - 110	.5	102	0	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10328 Analysis Method: SM 4500-S D
Preparation Method: SM 4500-S D
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004

Method Blank(4205086)

Parameter	Results	Units	PQL	MDL	Lab
Sulfide	0.013 U	mg/L	0.050	0.013	T

Lab Control Sample (4205088)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Sulfide	mg/L	0.40	.4	101	90 - 110	T

Matrix Spike (4205093); Matrix Spike Duplicate (4205094); Parent Lab Sample (T2203043001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Sulfide	mg/L	0.40	.7	102	90 - 110	.7	102	0	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10329
Preparation Method: SM 4500-S D
Associated Lab IDs: T2203043005

Analysis Method: SM 4500-S D

Method Blank(4205099)

Parameter	Results	Units	PQL	MDL	Lab
Sulfide	0.013 U	mg/L	0.050	0.013	T

Lab Control Sample (4205101)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Sulfide	mg/L	0.40	.4	101	90 - 110	T

Matrix Spike (4205102); Matrix Spike Duplicate (4205103); Parent Lab Sample (T2203043005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Sulfide	mg/L	0.40	.4	102	90 - 110	.4	102	0	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10339 Analysis Method: EPA 300.0
Preparation Method: EPA 300.0
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Method Blank(4206077)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	1 U	mg/L	5	1	T

Lab Control Sample (4206078)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloride	mg/L	25	26	102	90 - 110	T

Matrix Spike (4206079); Matrix Spike Duplicate (4206080); Parent Lab Sample (T2203043003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	20	38	104	90 - 110	37	102	1	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10339
Preparation Method: EPA 300.0
Associated Lab IDs: T2203043004, T2203043005

Analysis Method: EPA 300.0

Matrix Spike (4206081); Matrix Spike Duplicate (4206082); Parent Lab Sample (T2203043005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	20	37	105	90 - 110	38	107	0.80	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10345
Preparation Method: SM 2540 C
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SM 2540 C

Method Blank(4206233)

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

Lab Control Sample (4206234)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	660	658	100	85 - 115	T

Sample Duplicate (4206235)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	74	72	mg/L	3	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Results

QC Batch: WCA/10454
Preparation Method: SM 4500-CN-E
Associated Lab IDs: T2203043001, T2203043002, T2203043003, T2203043004, T2203043005

Analysis Method: SM 4500-CN-E

Method Blank(4212888)

Parameter	Results	Units	PQL	MDL	Lab
Cyanide	0.0040 U	mg/L	0.010	0.0040	T

Lab Control Sample (4212889)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Cyanide	mg/L	0.04	.04	97	90 - 110	T

Matrix Spike (4212892); Matrix Spike Duplicate (4212893); Parent Lab Sample (S2200373001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Cyanide	mg/L	0.04	.04	102	90 - 110	.04	103	1	10	T

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Workorder: SELF Sup. Site Assessment (T2203043)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1519 - SW-846 7470A			
T2203043001	TH-22A	DGMt/3373	SW-846 7470A
T2203043002	TH-83	DGMt/3373	SW-846 7470A
T2203043003	TH-84	DGMt/3373	SW-846 7470A
T2203043005	Duplicate	DGMt/3373	SW-846 7470A
CVAt/1531 - SW-846 7470A			
T2203043004	Field Blank	DGMt/3400	SW-846 7470A
GCSj/2799 - EPA 8151			
T2203043001	TH-22A	EXTj/3453	8151
T2203043002	TH-83	EXTj/3453	8151
T2203043003	TH-84	EXTj/3453	8151
T2203043004	Field Blank	EXTj/3453	8151
T2203043005	Duplicate	EXTj/3453	8151
GCSm/1916 - EPA 8081			
T2203043001	TH-22A	EXTm/2512	SW-846 3510C
T2203043002	TH-83	EXTm/2512	SW-846 3510C
T2203043003	TH-84	EXTm/2512	SW-846 3510C
T2203043004	Field Blank	EXTm/2512	SW-846 3510C
T2203043005	Duplicate	EXTm/2512	SW-846 3510C
GCSm/1925 - SW-846 8082A			
T2203043001	TH-22A	EXTm/2526	SW-846 3510C
T2203043002	TH-83	EXTm/2526	SW-846 3510C
T2203043003	TH-84	EXTm/2526	SW-846 3510C
T2203043004	Field Blank	EXTm/2526	SW-846 3510C
T2203043005	Duplicate	EXTm/2526	SW-846 3510C
ICMj/1768 - SW-846 6020			
T2203043001	TH-22A	DGMj/2834	SW-846 3010A
T2203043002	TH-83	DGMj/2834	SW-846 3010A
T2203043003	TH-84	DGMj/2834	SW-846 3010A
T2203043004	Field Blank	DGMj/2834	SW-846 3010A
T2203043005	Duplicate	DGMj/2834	SW-846 3010A





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Workorder: SELF Sup. Site Assessment (T2203043)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPt/2376 - SW-846 6010			
T2203043001	TH-22A	DGMt/3334	SW-846 3010A
T2203043002	TH-83	DGMt/3334	SW-846 3010A
ICPt/2377 - SW-846 6010			
T2203043003	TH-84	DGMt/3335	SW-846 3010A
T2203043004	Field Blank	DGMt/3335	SW-846 3010A
T2203043005	Duplicate	DGMt/3335	SW-846 3010A
MSSj/1896 - SW-846 8270C			
T2203043001	TH-22A	EXTj/3442	SW-846 3510C
T2203043002	TH-83	EXTj/3442	SW-846 3510C
T2203043003	TH-84	EXTj/3442	SW-846 3510C
T2203043004	Field Blank	EXTj/3442	SW-846 3510C
T2203043005	Duplicate	EXTj/3442	SW-846 3510C
MSVj/3387 - SW-846 8260B			
T2203043001	TH-22A	MSVj/3386	SW-846 5030B
T2203043002	TH-83	MSVj/3386	SW-846 5030B
T2203043003	TH-84	MSVj/3386	SW-846 5030B
T2203043004	Field Blank	MSVj/3386	SW-846 5030B
T2203043005	Duplicate	MSVj/3386	SW-846 5030B
MSVj/3401 - SW-846 8260B (SIM)			
T2203043001	TH-22A	MSVj/3398	SW-846 5030B
T2203043002	TH-83	MSVj/3398	SW-846 5030B
T2203043003	TH-84	MSVj/3398	SW-846 5030B
T2203043004	Field Blank	MSVj/3398	SW-846 5030B
T2203043005	Duplicate	MSVj/3398	SW-846 5030B
WCAI/10299 - SM 4500NO3-F			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
T2203043005	Duplicate		





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Workorder: SELF Sup. Site Assessment (T2203043)

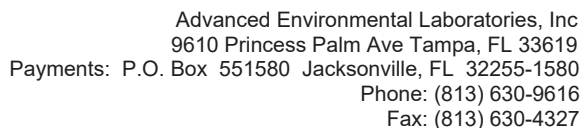
QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAI/10320 - EPA 350.1			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
T2203043005	Duplicate		
WCAI/10328 - SM 4500-S D			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
WCAI/10329 - SM 4500-S D			
T2203043005	Duplicate		
WCAI/10339 - EPA 300.0			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
T2203043005	Duplicate		
WCAI/10345 - SM 2540 C			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
T2203043005	Duplicate		
WCAI/10454 - SM 4500-CN-E			
T2203043001	TH-22A		
T2203043002	TH-83		
T2203043003	TH-84		
T2203043004	Field Blank		
T2203043005	Duplicate		

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Workorder: SELF Sup. Site Assessment (T2203043)

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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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ 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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FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

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: 2/9/22			
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): 4.96
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 - 4.96 feet) X 0.16 gallons/foot = 3.67 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): 26.90	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.90	PURGING INITIATED AT: 905	PURGING ENDED AT: 926
TOTAL VOLUME PURGED (gallons): 6.3			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)
918	3.9	3.9	.3
922	1.2	5.1	.3
926	1.2	6.3	.3
DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm
5.33	4.50	20.1	138.7
5.33	4.43	20.2	139.4
5.33	4.44	20.1	139.8
DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
5.00	3.03	Clear	None
4.47	3.19	Clear	None
3.35	2.42	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" = 0.0008; 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)			

SAMPLER(S) SIGNATURE(S): M. Morales / K. Smirnov				SAMPLING INITIATED AT: 926		SAMPLING ENDED AT: 932	
PUMP OR TUBING DEPTH IN WELL (feet): 26.90				TUBING MATERIAL CODE: T		FIELD-FILTERED: Y (N) 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
							VOL
REMARKS: SEE COC FOR ANALYSIS				ORP: 918 (129.8) 922 (122.1) 926 (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)





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

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: 2/9/22			
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): 9.05
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 - 9.05 feet) X 0.16 gallons/foot = 1.03 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: 9:55	PURGING ENDED AT:
TOTAL VOLUME PURGED (gallons):			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)
10:06	1.1	1.1	0.1
10:08	1.2	1.3	0.1
10:10	0.2	1.5	0.1
DEPT. 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)			
10:06 1.1 1.1 0.1 9.05 6.25 18.7 584 6.61 2.84 Clear None			
10:08 1.2 1.3 0.1 9.05 6.22 18.8 564 7.24 2.39 Clear None			
10:10 0.2 1.5 0.1 9.05 6.30 18.9 565 6.94 4.10 Clear Above			
M.M. 2/9/22			
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" = 0.0008; 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)			

SAMPLED BY (PRINT) / AFFILIATION: M. Morales		SAMPLER(S) SIGNATURE(S): M. Morales		SAMPLING INITIATED AT: 10:10		SAMPLING ENDED AT: 11:00	
PUMP OR TUBING DEPTH IN WELL (feet): 14.47		TUBING MATERIAL CODE: T		FIELD-FILTERED: Y ☒ N		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
							VSC
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS				ORP: 10:06 (122.1) 10:08 (120.9) 10:10 (119.5)			
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; RFP = 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)





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-84		SAMPLE ID: TH-84	
		DATE: 2/9/22	
PURGING DATA			
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 8.07 ft to 18.07 ft	STATIC DEPTH TO WATER (feet): 13.79
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) = (18.07 feet - 13.79 feet) X 0.16 gallons/foot = .68 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): 17.07		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.07	
PURGING INITIATED AT: 1139		PURGING ENDED AT: 1150	
TOTAL VOLUME PURGED (gallons): 1.1			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)
1146	0.7	0.7	.1
1148	.2	0.9	.1
1150	.2	1.1	.1
DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm
14.08	5.99	23.5	449.0
14.09	5.94	23.4	452.4
14.09	5.90	23.4	451.7
DISSOLVED OXYGEN (circle units) (mg/L or % saturation)			
5.81			
5.18			
5.75			
TURBIDITY (NTUs)			
2.64			
2.62			
2.09			
COLOR (describe)			
Clear			
Clear			
Clear			
ODOR (describe)			
None			
None			
None			
M.M. 2/9/22			
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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 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)			

SAMPLED BY (PRINT) / AFFILIATION: M. Morales		SAMPLER(S) SIGNATURE(S): M. Morales	
PUMP OR TUBING DEPTH IN WELL (feet): 17.07		TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (replaced)		DUPLICATE: Y ☒	
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
			VOC
			SAMPLING EQUIPMENT CODE
			SAMPLE PUMP FLOW RATE (mL per minute)
			400
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS			
ORP: 1146 (171.9) 1148 (171.7) 1150 (170.7)			
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)





FINAL

Workorder: SELF Sup. Site Assessment (T2203043)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: DUPLICATE		SAMPLE ID: DUPLICATE	
DATE: 2/9/22			
PURGING DATA			
WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A	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 0.16 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) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)			

SAMPLED BY (PRINT) / AFFILIATION: M. Morales		SAMPLER(S) SIGNATURE(S): M. Morales	
PUMP OR TUBING DEPTH IN WELL (feet): N/A		TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: PUMP Y (N)		TUBING Y (N(replaced))	
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 C.O.C. FOR SAMPLE ANALYSIS			
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 = Bailor; 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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)





Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for T2203043005 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: SW-846 8270C

Preparation: SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: Method Blank (MB) 4208034 contained a low level concentration of bis(2-Ethylhexyl) phthalate above the Method Detection Limit (MDL), but below the CTL. The associated samples did contain the analyte in question above the Method Detection Limit (MDL) but below the CTL as well.

Surrogates: All acceptance criteria were met.

Spikes: All acceptance criteria were met.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 8082A
Preparation: SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: The lower control criteria were exceeded for surrogate(s) DCB in T2203043001 , 002 , 003 , 004 , TCMX / DCB in T2203043005. The associated QC analysis recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outliers were flagged accordingly. No further corrective action was required.

Spikes: Due to insufficient sample to perform the matrix spikes that are required by the method, a Laboratory Control Spike (LCS) and LCS duplicate (LCSD) were analyzed for quality control in this analytical batch.

The LCSD recoveries of ARO 1016 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 8260B (SIM)
Preparation: SW-846 5030B

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: The upper control criterion was exceeded for 1,2-Dibromo-3-Chloropropane in Continuing Calibration Verification (CCV) standard for analytical batch 6698, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes: The spike recovery of 1,2-Dibromo-3-Chloropropane for the Laboratory Control Sample (LCS) was outside the upper control criterion. The analyte in question was not detected in the associated client samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was required.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 7470A
Preparation: SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike and matrix spike duplicate (MS & MSD) recoveries of Mercury for G2201371001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: EPA 8081

Preparation: SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: The upper control criterion was exceeded for several target analytes in Continuing Calibration Verification (CCV) standards for analytical batch 1916, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

Blanks: All acceptance criteria were met.

Surrogates:

The upper control criterion was exceeded for the surrogates in sample LCS. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected, as internal recoveries were within acceptance criteria of the ICAL and are consistent with quality control samples. The outlier surrogates are qualified with a J4 to indicate potential matrix interference

The control criteria for DCB in G2201187001 , 002 , 003 , T2203043003 , 004 , M2200837002 , T2202971002 , T2203043001 , 002 , 005 , M2200857008 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

The control criteria for DCB in M2200857007 , 014 , 015 , M2200864011 , 017 , T2203043005 , M220864022 , T2203129001 , 002 ; TCMX in T2203043005 , M220857008 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

Spikes

Due to insufficient sample to perform the matrix spikes that are required by the method, a Laboratory Control Spike (LCS) and LCS duplicate (LCSD) were analyzed for quality control in this analytical batch.

The relative percent difference (RPD) for ALPHA-BHC, BETA-BHC , DELTA-BHC between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 4205208 in comparison with 4205209. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.



Advanced
Environmental Laboratories, Inc.

Work Order: T2203043
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SW-846 6010
Preparation: SW-846 3010A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: The matrix spike (MS) and Matrix Spike Duplicate (MSD) recoveries of Silver for T2203254031 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential high bias in this matrix. No further corrective action is required.
Internal Standard: All acceptance criteria were met.
Samples: All acceptance criteria were met.
Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.