RECOVERY WELL RE137 PUMPING TEST TREATMENT SYSTEM EVALUATION FEBRUARY 2, 2022 TEST RESULTS NWIRP BETHPAGE, NEW YORK

<u>Purpose</u>

The Navy is in the process of constructing and conducting the initial testing of a treatment system to support the pumping test on recovery well RE137. Construction of the system is nearly complete, with some electrical and control parts outstanding due to current supply chain issues.

Field Testing

On February 2, 2022, the Navy conducted the initial startup operation and testing of the RE137 Pumping Test Treatment System using first potable water with the water recirculated through the treatment system and then with groundwater from the RE137 well. During the testing, the groundwater was treated with bag filtration to remove any sediment from the well, advanced oxidation process (AOP) technology using hydrogen peroxide and ultraviolet (UV) light, and granular activated carbon (GAC). The treated water was accumulated in two 21,000-gallons frac tanks, pending analytical results. Piping and Instrumentation Diagrams from the work plan are attached and further identify the treatment process and the location of the sample ports.

Four consecutive tests were conducted using RE137 groundwater (Tests A, B, C, and D). Tests A and B were at a nominal flowrate of 50 gallons per minute. Tests C and D were at a nominal flowrate of 100 gallons per minute. Peroxide dosing and UV lamp power were controlled by the Trojan PLC. Referenced sample ports are as follows:

- SP100 Untreated RE137 groundwater
- SP201 AOP effluent, prior to GAC units
- SF300 GAC Unit No. 1 effluent, prior to GAC Unit No. 2
- SF303 GAC Unit No. 2 effluent, discharge to frac tanks.

For the fixed-base laboratory testing, two facilities were used. ALS of Middletown Pennsylvania was used for the volatile organic compound (VOC), metal, and limited 1,4dioxane analysis using the drinking water EPA Method 522. Eurofins of Lancaster Pennsylvania was used for 1,4-dioxane analysis using SW8260 SIM. Going forward, the system treatment effluent will also be analyzed for 1,4-dioxane using SW8270SIM¹ and bis(2-ethyhexyl) phthalate using SW8270.²

Test Results

Test results are summarized in Table 1. Based on these test results, the AOP system reduced VOCs and 1,4-dioxane by approximately 70 to 90 percent. While demonstrating the viability of the technology, this removal is lower than the anticipated reduction of approximately 99 percent for most of the VOCs and 1,4-dioxane, (i.e., TCE less than 20 ug/L and 1,4-dioxane less than 0.1 ug/L). Some VOCs such as carbon tetrachloride, chloroform, and Freon 113 are known to be resistant to destruction via the AOP technology, and the GAC system was designed to remove these chemicals and TCE residuals.

The GAC, as expected, removed the residual VOCs following the AOP. However, it is not a good long-term approach to remove high concentrations of TCE (greater than 50 ug/L), as breakthrough of the GAC would be expected to occur in one to three months of operation. With the AOP system fully operating as designed, the breakthrough of the GAC is anticipated to occur in 6 to 12 months.

The GAC was also shown to be effective at removing 1,4-dioxane, at least in the short term. This data is consistent with the expectation that GAC can be used as a short-term buffer for the removal of 1,4-dioxane, (such in the event of a failure in the AOP technology), but would not be good long-term approach, as GAC breakthrough of the 1,4-dioxane would be expected to occur in less than one month.

Based on the limited success of the February 2, 2022 testing, the Navy plans to retest the system on February 22 or 23, 2022 and collect additional samples to demonstrate the effectiveness of the AOP technology. During the February 2, 2022, there were some problems noted with the hydrogen peroxide feed pumps tripping out or providing insufficient flow rate. There were no primary issues with the AOP reactor, other than it would automatically shut down when the hydrogen peroxide pumps tripped out.

As can be seen in the Table 1, except for chloromethane as discussed below, all of the effluent groundwater samples (SP303) meet the treatment goals. Additional data for other VOCs (all non detect) and the metals are provided in the Attachment from the laboratory. No elevated metal concentrations were noted. Iron will continue to be

¹ Note that 1,4-dixoane results using SW8270 SIM will be compared to the state groundwater standard of 0.35 ug/L and the 1,4-dixoane resulting using SW8260 SIM and EPA Method 522 will be compared to the state drinking water MCL of 1.0 ug/L. SW 82760 SIM results are generally lower than SW8260SIM and EPA 522 results.

² Bis(2-ethylhexyl) phthalate is not believed to be present in the site groundwater. Periodically it can be detected in water samples due to either laboratory contamination or from the PVC used in the well or treatment system piping.

tracked by the Navy, primarily because it may impact the lamps in the AOP reactor and require periodic cleaning or accumulate in the GAC units and require periodic backwashing.

Chloromethane was reported at a concentration of 5.4 to 5.8 ug/L in each of the effluent groundwater samples (SP303), as well as in the effluent from the first GAC unit (SP300) at concentrations of 3.7 to 4.1 ug/L. It was not detected in the influent groundwater samples (SP100) or AOP effluent samples (SP201), confirming that it is not present in the groundwater or formed in the AOP unit. This data indicates that the chloromethane (and to a less extent bromomethane) are associated with the GAC or the fiberglass GAC vessels. The Navy confirmed with the vendor that the GAC is virgin carbon made from coconut shells, and therefor chloromethane would not be expected to be present. These reported concentrations are only slightly greater than the MCL of 5 ug/L. Of the VOCs, chloromethane is very volatile, and residuals, if present, would have dissipated from the frac tanks over the past two weeks.

Path Forward

Currently, the Navy has approximately 25,000 gallons of water with quality consistent with results presented in Table 1 from four samples identified as SP303 (Tests A, B, C, and D). These samples were collected while the frac tanks were being filled. The pH of the water is approximately 6 to 7 SU. During the testing, the pH of the influent groundwater water started at 7.5 SU, went as high as 9.1 SU, and decreased to 5.1 SU by the end of the testing. Historically, under relatively stagnant conditions, well grout can locally increase the pH of groundwater.

On February 22, 2021, the Navy will be restarting the system by recycling treated frac water through the treatment system and back into the frac tank. During this time, the operation of the system and in particular, the hydrogen peroxide concentration in the system, will be confirmed and stabilized. At that time, approximately 20,000 gallons of water will be discharged to the Nassau County sump to provide space for storing freshly treated RE137 groundwater.

The testing will be conducted at approximately 100 gallons per minute. Two sets of samples (Test E and F) will be collected.

Sample location and parameters to be tested are as follows.

Sample Location	VOCs	1,4- Dioxane (8260 SIM)	1,4- Dioxane (8270 SIM)	1,4- Dioxane (EPA 522)	Bis (2- Ethylhexyl Phthalate (8270E)
SP100 (System Influent)	Х	Х	Х		
SP201 (AOP Effluent)	Х	х	Х		
SP300 (GAC Unit 1 Effluent)	Х	X			
SP303 (System Effluent)	Х	X	Х	Х	Х

X – Sample to be collected.

Field instrument pH and hydrogen peroxide measurements will also be collected at these locations.

After this initial testing is complete, sampling frequency, locations, and analytical methods will be consistent with the February 16, 2022 letter from Jason Pelton, NYSDEC to Scott Sokolowski, Navy titled SPDES Permit Equivalent Application Naval Weapons Industrial Reserve Plant Site (NWIRP), Bethpage NYSDEC Site No. 130003B.

TABLE 1 - TEST RESULTS, PRE STARTUP RE137 PILOT-SCALE TESTING, FEB 2, 2022 NWIRP BETHPAGE, NEW YORK PAGE 1 OF 4

Test A - 50 GPM (1410)

	SP100	SP201	SP300	SP303
Parameter	Influent (ug/L)	AOP Effluent	GAC1 Effluent	System
i arameter	initiaent (ug/L)	(ug/L)	(ug/L)	Effluent (ug/L)
1,4-dioxane (8260 SIM)	17	5.6	ND	ND
1,4-dioxane (EPA 522)	NA	NA	NA	ND
1,1,2-Trichloroethane	1.1	1.2	ND	ND
1,1-Dichloroethane	1	1	ND	ND
1,1-Dichloroethene	6.9	0.67	ND	ND
Carbon Tetrachloride	2.8	2.5	ND	ND
Chloroform	1.4	1.4	ND	ND
cis-1,2-Dichloroethene	3.9	1	ND	ND
Freon 113	25.1	21.7	ND	ND
Tetrachloroethene	3.6	0.6	ND	ND
Trichloroethene	1930	414	ND	ND
Bromomethane	ND	ND	0.9	0.83
Chloromethane	ND	ND	3.7	5.8
Iron	2020	NA	NA	27

ug/L - microgram per lliter.

NA - not anlyzed.

ND - Not detected.

ND = 0.17 ug/L, for 1,4-dioxane Method 8260 SIM.

ND = 0.023 ug/L, for 1,4 dioxane Method EPA 522.

ND = 0.33 ug/L, for VOCs.

TABLE 1 - TEST RESULTS, PRE STARTUP RE137 PILOT-SCALE TESTING, FEB 2, 2022 NWIRP BETHPAGE, NEW YORK PAGE 2 OF 4

Test B - 50 GPM (1460)

	SP100	SP201	SP300	SP303
Parameter	Influent (ug/L)	AOP Effluent	GAC1 Effluent	System
Farameter	innuent (ug/L)	(ug/L)	(ug/L)	Effluent (ug/L)
1,4-dioxane (8260 SIM)	18	6.2	ND	ND
1,4-dioxane (EPA 522)	NA	NA	NA	ND
1,1,2-Trichloroethane	1	0.97	ND	ND
1,1-Dichloroethane	1	0.97	ND	ND
1,1-Dichloroethene	6.9	0.33	ND	ND
Carbon Tetrachloride	2.8	2.8	ND	ND
Chloroform	1.4	1.3	ND	ND
cis-1,2-Dichloroethene	3.9	0.44	ND	ND
Freon 113	23.7	24.4	ND	ND
Tetrachloroethene	3.7	0.33	ND	ND
Trichloroethene	1870	307	ND	ND
Bromomethane	ND	ND	0.45	1.2
Chloromethane	ND	ND	3.7	5.6
Iron	1360	NA	NA	45.5

ug/L - microgram per lliter.

NA - not anlyzed.

ND - Not detected.

ND = 0.17 ug/L, for 1,4-dioxane Method 8260 SIM.

ND = 0.023 ug/L, for 1,4 dioxane Method EPA 522.

ND = 0.33 ug/L, for VOCs.

TABLE 1 - TEST RESULTS, PRE STARTUP RE137 PILOT-SCALE TESTING, FEB 2, 2022 NWIRP BETHPAGE, NEW YORK PAGE 3 OF 4

Test C -100 GPM (1550)

	SP100	SP201	SP300	SP303
Parameter	Influent (ug/L)	AOP Effluent (ug/L)	GAC1 Effluent (ug/L)	System Effluent (ug/L)
1,4-dioxane (8260 SIM)	18	1.9	ND	ND
1,4-dioxane (EPA 522)	NA	NA	NA	ND
1,1,2-Trichloroethane	1	0.88	ND	ND
1,1-Dichloroethane	1	0.8	ND	ND
1,1-Dichloroethene	6.8	0.33	ND	ND
Carbon Tetrachloride	2.7	2.7	ND	ND
Chloroform	1.3	1.2	ND	ND
cis-1,2-Dichloroethene	3.7	0.33	ND	ND
Freon 113	24	23.6	ND	ND
Tetrachloroethene	3.8	0.38	ND	ND
Trichloroethene	1800	90	ND	ND
Bromomethane	ND	ND	ND	0.75
Chloromethane	ND	ND	3.9	5.7
Iron	1450	NA	NA	36.4

ug/L - microgram per lliter.

NA - not anlyzed.

ND - Not detected.

ND = 0.17 ug/L, for 1,4-dioxane Method 8260 SIM.

ND = 0.023 ug/L, for 1,4 dioxane Method EPA 522.

ND = 0.33 ug/L, for VOCs.

TABLE 1 - TEST RESULTS, PRE STARTUP RE137 PILOT-SCALE TESTING, FEB 2, 2022 NWIRP BETHPAGE, NEW YORK PAGE 4 OF 4

Test D -100 GPM (1610)

	SP100	SP201	SP300	SP303
Parameter	Influent (ug/L)	AOP Effluent	GAC1 Effluent	System
T di ameter	initiaent (ug/L)	(ug/L)	(ug/L)	Effluent (ug/L)
1,4-dioxane (8260 SIM)	18	4.5	ND	ND
1,4-dioxane (EPA 522)	NA	NA	NA	ND
1,1,2-Trichloroethane	1.1	0.89	ND	ND
1,1-Dichloroethane	1.1	0.87	ND	ND
1,1-Dichloroethene	6.4	0.33	ND	ND
Carbon Tetrachloride	2.5	2.5	ND	ND
Chloroform	1.3	1.2	ND	ND
cis-1,2-Dichloroethene	3.6	0.33	ND	ND
Freon 113	22.7	22.1	ND	ND
Tetrachloroethene	3.8	0.59	ND	ND
Trichloroethene	1730	225	ND	ND
Bromomethane	ND	ND	ND	1.2
Chloromethane	ND	ND	4.1	5.4
Iron	993	NA	NA	31.9

ug/L - microgram per lliter.

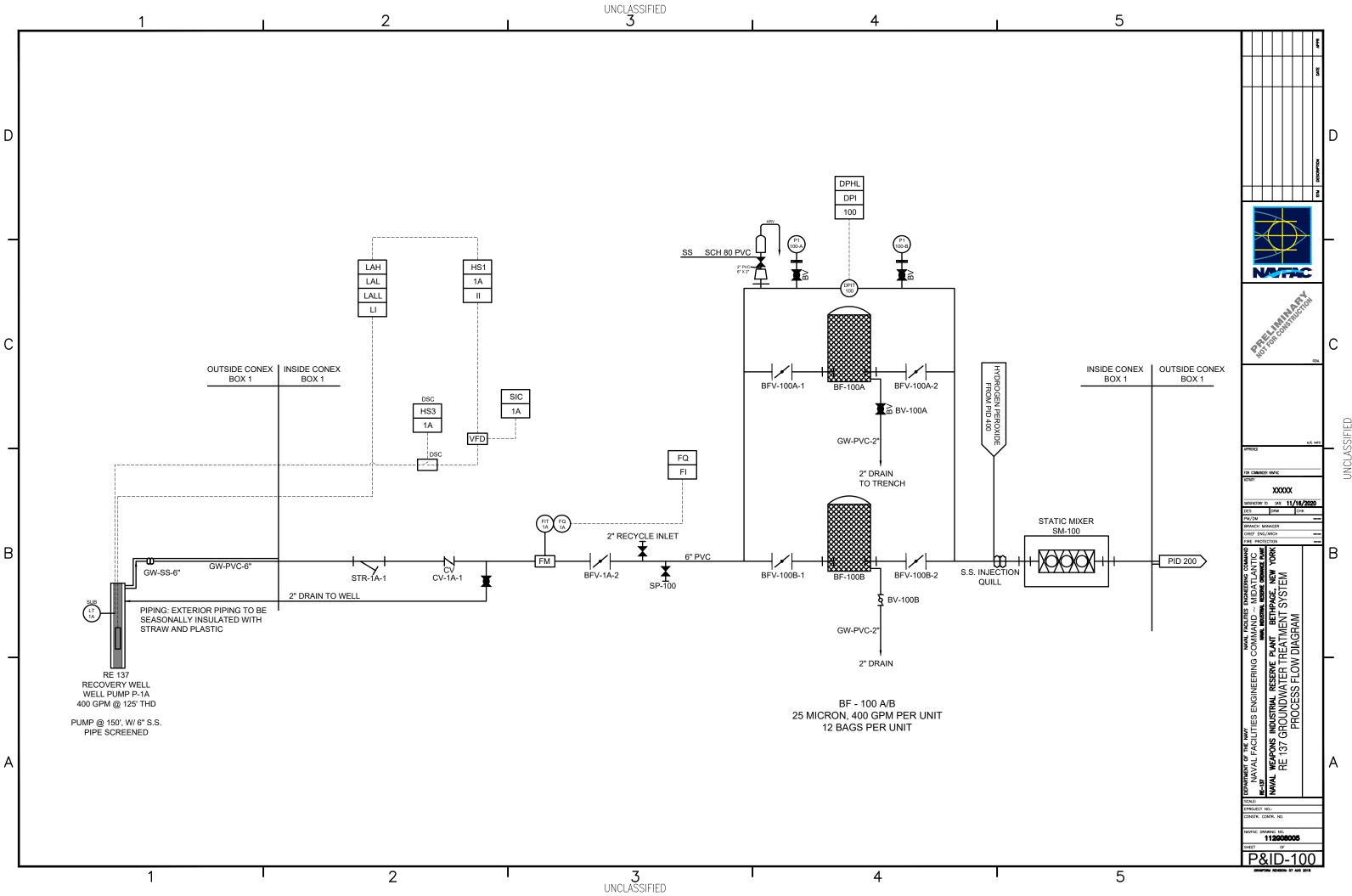
NA - not anlyzed.

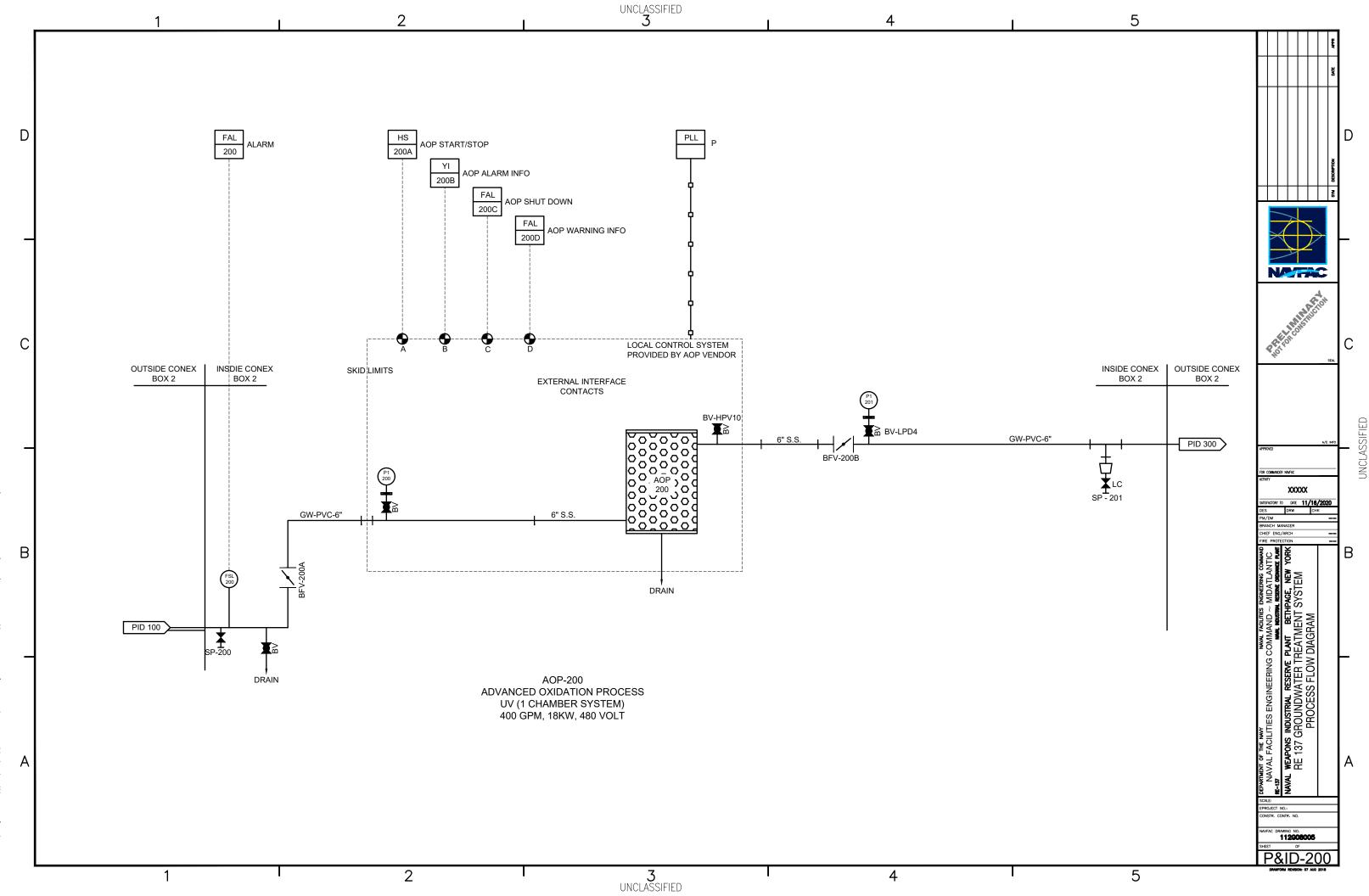
ND - Not detected.

ND = 0.17 ug/L, for 1,4-dioxane Method 8260 SIM.

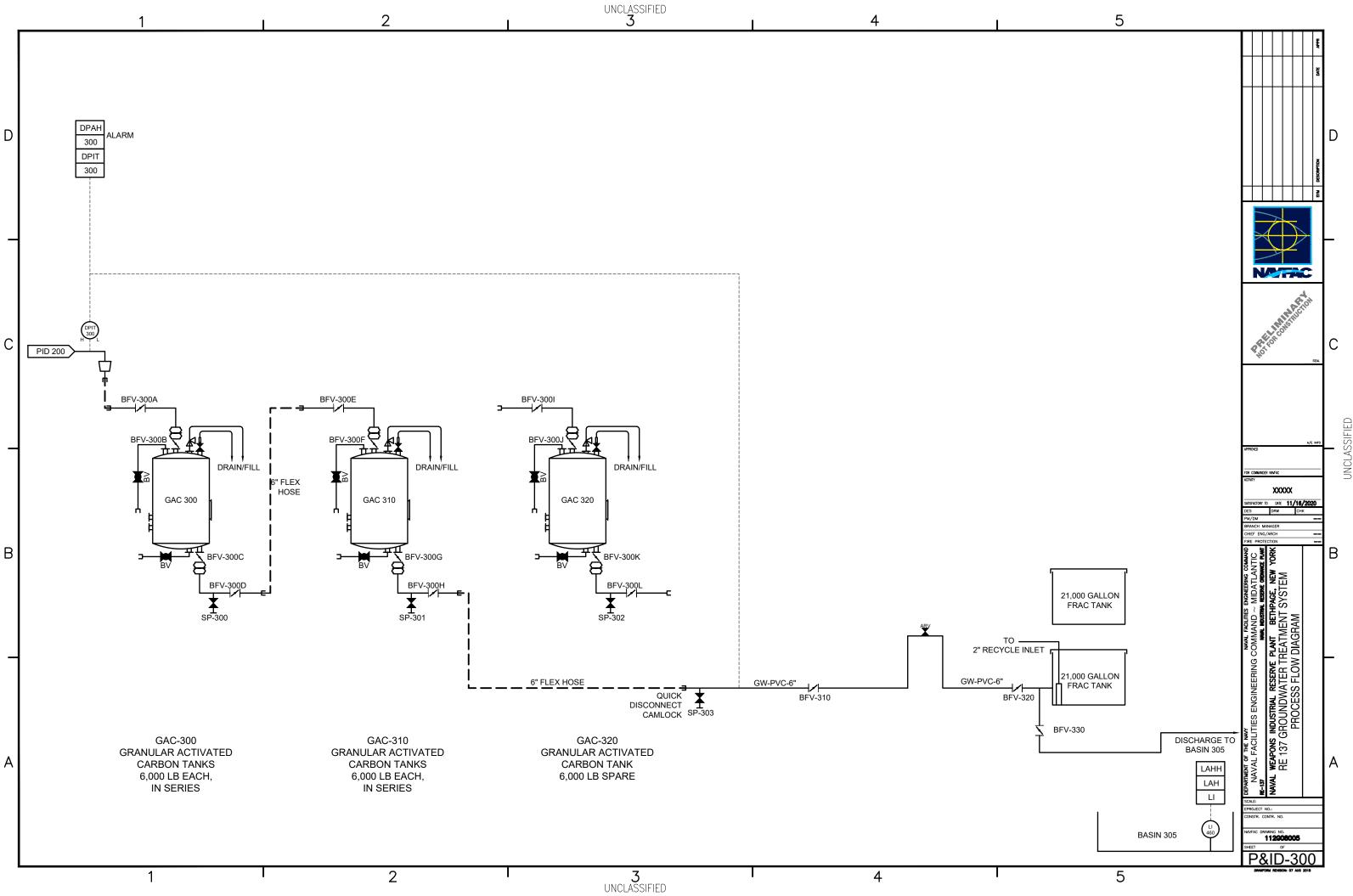
ND = 0.023 ug/L, for 1,4 dioxane Method EPA 522.

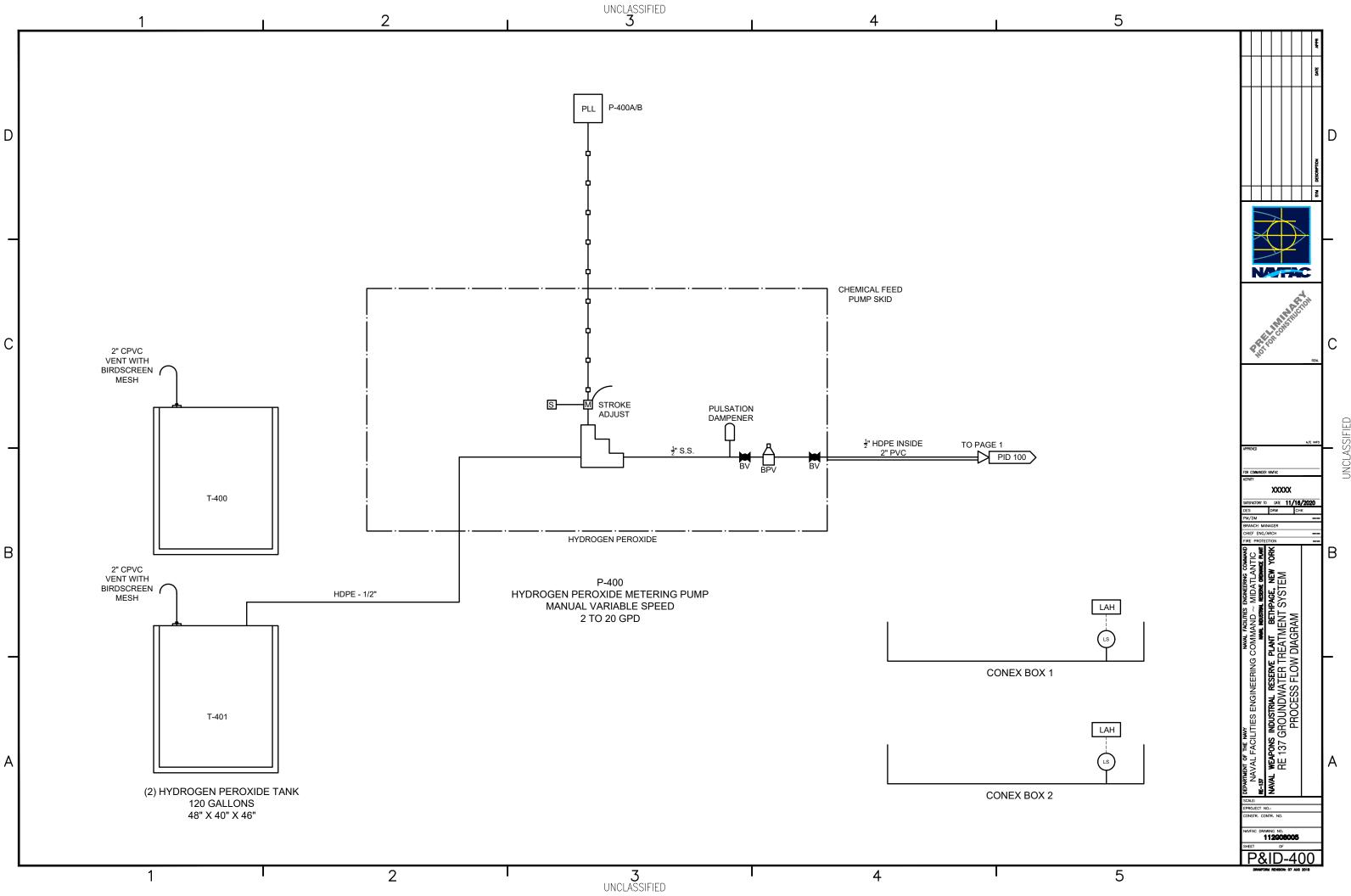
ND = 0.33 ug/L, for VOCs.





E NAME: C./Users/jordon.shaffer/ApoDataVLacal/Terno/AcPublish_14764/RE 137 PFD.dwa LAYOUT NAME: P&D (2) PLOTTED: Wednesday, February 1





JNC





301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: PJLA 74618 State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343 Analytical Results Report For Project EPR037/INWIRP BETHPAGE NY Workorder 3225646 Report ID 149018 on 2/11/2022

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 04, 2022.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Susan Scherer (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at

www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Recipient(s):

Ernie Wu - Tetra Tech Inc Lauren Donston - Tetra Tech Inc Vincent Varricchio - Tetra Tech Inc David Brayack - Tetra Tech Inc Rick Carr - Earth Toxics Inc.

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Susan Scherer

Susan Scherer Project Coordinator (ALS Digital Signature)



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3225646001	SP-100-20220202A	Ground Water	02/02/2022 2:00 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646002	SP-201-20220202A	Ground Water	02/02/2022 2:05 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646003	SP-300-20220202A	Ground Water	02/02/2022 2:10 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646004	SP-303-20220202A	Ground Water	02/02/2022 2:15 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646005	SP-100-20220202B	Ground Water	02/02/2022 2:55 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646006	SP-201-20220202B	Ground Water	02/02/2022 2:59 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646007	SP-300-20220202B	Ground Water	02/02/2022 3:05 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646008	SP-303-20220202B	Ground Water	02/02/2022 3:10 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646009	SP-100-20220202C	Ground Water	02/02/2022 3:52 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646010	SP-201-20220202C	Ground Water	02/02/2022 3:55 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646011	SP-300-20220202C	Ground Water	02/02/2022 4:00 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646012	SP-303-20220202C	Ground Water	02/02/2022 4:04 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646013	SP-100-20220202D	Ground Water	02/02/2022 4:15 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646014	SP-201-20220202D	Ground Water	02/02/2022 4:18 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646015	SP-300-20220202D	Ground Water	02/02/2022 4:20 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646016	SP-303-20220202D	Ground Water	02/02/2022 4:22 PM	02/04/2022 8:45 AM	CBC	Collected By Client
3225646017	Trip Blank	Ground Water	02/02/2022 12:00 AM	02/04/2022 8:45 AM	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- J Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
- U Indicates that the analyte was Not Detected (ND)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLmt Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference
- LOD DoD Limit of Detection
- LOQ DoD Limit of Quantitation
- DL DoD Detection Limit
- I Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
- (S) Surrogate Compound
- NC Not Calculated
- * Result outside of QC limits

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646



				Project Notations	
				Sample Notations	
Lab ID	Sample ID				
				Result Notations	
Notation #					
0					



 Client Sample ID
 SP-100-20220202A

 Lab Sample ID
 3225646001

02/02/2022 2:00 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

F	Prep			\wedge (Ar Ar	alysis ———		
Method	N/A	Container	3225646001-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
Date	N/A	Tech.	N/A	\mathcal{H}	<u>Date</u>	02/07/2022 3:59 PM	<u>Analyst</u>	DPC

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	1.1 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethane	75-34-3	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethene	75-35-4	6.9 ug/L	1.0	0.75	0.33	C
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.8 ug/L	1.0	0.75	0.33	C
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.4 ug/L	1.0	0.75	0.33	C
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	3.9 ug/L	1.0	0.75	0.33	C
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	25.1 ug/L	1.0	0.75	0.33	C
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	3.6 ug/L	1.0	0.75	0.33	C
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NWIRP BE Workorder 3225646	THPAGE NY					ALS
	-100-20220202A 225646001			Collected Lab Receipt		022 2:00 PM 022 8:45 AM
RESULTS						
<u>Compound</u> Trichlorofluoromethane	<u>CAS No</u> 75-69-4	<u>Result</u> <u>Units</u> 0.75U ug/L	<u>LOQ</u> 1.0	<u>LOD</u> 0.75	<u>DL</u> 0.33	<u>Qualifiers</u> c,u
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
Compound	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103 %	81 🗕 118			
4-Bromofluorobenzene	460-00-4	102 %	85 _ 114			
Dibromofluoromethane	1868-53-7	91.40%	80 _ 119			
Toluene-d8	2037-26-5	96.60%	89 - 112			
Prep <u>Method</u> N/A <u>Batch</u> N/A <u>Date</u> N/A	<u>Container</u> <u>Aliquot</u> <u>Tech.</u>	3225646001-A(Hydrochloric Acid) 5 mL N/A	Analysis Method SW846 8260C Batch 818629 Date 02/09/2022 1:05 AM	<u>Fraction</u> Dilution <u>Analyst</u>	VOA_Trace 50 PDK	
RESULTS						
<u>Compound</u>	CAS No	<u>Result</u> <u>Units</u>	LOQ	LOD	<u>DL</u>	<u>Qualifiers</u>
Trichloroethene	79-01-6	1930 ug/L	50.0	37.5	16.5	C
SURROGATES						
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	105%	81 - 118			
4-Bromofluorobenzene	460-00-4	105%	85 - 114			
Dibromofluoromethane	1868-53-7	92.30 %	80 - 119			
Toluene-d8	2037-26-5	97.40%	89 – 112			
Metals Analytical SW846 6020B Prep			Analysis			
Method SW84630 Batch 818145	15 <u>Container</u> <u>Aliquot</u>	3225646001-D(Nitric Acid) 45 mL	<u>Method</u> SW8466020B <u>Batch</u> 818261	Fraction Dilution	ICP_MS 1	

Date

02/06/2022 10:07 PM

Tech.

SXC

Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.7J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	3500 ug/L	110	73.0	37.0	С
Chromium, Total	7440-47-3	1.5J ug/L	2.2	1.5	0.74	C,J

Date

02/07/2022 7:30 PM

Analyst

RMD

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Project EPR037 NWI Workorder 3225646	RP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-100-20220202A 3225646001			Collected Lab Receipt		/2022 2:00 PM /2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Cobalt, Total	7440-48-4	2.4J ug/L	5.6	3.7	1.9	C,J
Iron, Total	7439-89-6	2020 ug/L	56.0	37.0	19.0	C
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	1480 ug/L	110	73.0	37.0	C
Manganese, Total	7439-96-5	29.1 ug/L	5.6	3.7	1.9	С
Nickel, Total	7440-02-0	3.6J ug/L	5.6	3.7	1.9	C,J
Potassium, Total	7440-09-7	654 ug/L	110	73.0	37.0	С
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	9.2 ug/L	5.6	3.7	1.9	С
Pre	p		Analysis —			

Method	SW846 3015	<u>Container</u>	3225646001-D(Nitric Acid)
Batch	818145	<u>Aliquot</u>	45 mL
Date	02/06/2022 10:07 PM	Tech.	SXC

(- An	alysis ———			
	Method	SW846 6020B	Fraction	ICP_MS	
	Batch	818577	Dilution	1	
l	Date	02/08/2022 6:54 PM	<u>Analyst</u>	RMD	J

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	10900 ug/L	110	73.0	37.0	C

Metals Analytical SW846 7470A

(- I	Prep ———			7
	Method	SW8467470A	Container	3225646001-D(Nitric Acid)	
	Batch	819149	<u>Aliquot</u>	5 mL	
l	<u>Date</u>	02/11/2022 12:45 PM	Tech.	A1S	J

(- Ar	alysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:24 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	Result Units	<u>LOQ</u>	LOD	<u>DL</u>	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U



Client Sample ID Lab Sample ID

SP_201_201

SP-201-20220202A 3225646002 Collected Lab Receipt

02/02/2022 2:05 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

Prep		Analysis ———		$\overline{}$
Method N/A	Container 3225646002-A(Hydrochloric Acid)	Method SW846 8260C	Fraction VOA_Trace	
Batch N/A	<u>Aliquot</u> 5 mL	Batch 818180	Dilution 1	
<u>Date</u> N/A	Tech. N/A	<u>Date</u> 02/07/2022 4:21 РМ	<u>Analyst</u> DPC	J

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	1.2 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethane	75-34-3	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethene	75-35-4	0.67J ug/L	1.0	0.75	0.33	C,J
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	14.6 ug/L	5.0	3.8	1.6	C
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.5 ug/L	1.0	0.75	0.33	C
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.4 ug/L	1.0	0.75	0.33	C
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	1.0 ug/L	1.0	0.75	0.33	C
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	21.7 ug/L	1.0	0.75	0.33	C
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.60J ug/L	1.0	0.75	0.33	C,J
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Client San Lab Samp			SP-201-20220202A 3225646002				Collected Lab Receipt		2022 2:05 PM 2022 8:45 AM
· · · ·			5223040002					02/04/2	022 0.43 AM
RESULTS									
<u>Compound</u>			CAS No	<u>Result</u> <u>Units</u>		LOQ	LOD	DL	Qualifiers
Trichlorofluoro	methane		75-69-4	0.75U ug/L		1.0	0.75	0.33	C,I
Vinyl Chloride			75-01-4	0.75U ug/L		1.0	0.75	0.33	C,I
SURROGATE	5								
Compound			CAS No	Recovery		Limits(%)			Qualifiers
1,2-Dichloroethane-d4		17060-07-0	102%		81 _ 118				
4-Bromofluorobenzene 460-00-4		460-00-4	103 %		85 _ 114				
Dibromofluoro	methane		1868-53-7	88.50%		80 - 119			
Toluene-d8			2037-26-5	99%		89 – 112			
		Dress			۸.,				
Ć		Prep			- Ar	nalysis ——			
	Method	N/A	<u>Container</u>	3225646002-A(Hydrochloric Acid)	Method	SW846 8260C	Fraction	VOA_Trace	
	Batch	N/A	Aliquot	5 mL	Batch	818629	Dilution	10	
Ĺ	<u>Date</u>	N/A	<u>Tech.</u>	N/A	Date	02/09/2022 12:17 AM	<u>Analyst</u>	PDK	
RESULTS									
			040.1			1.00		D.	0 115
Compound			<u>CAS No</u> 79-01-6	<u>Result</u> <u>Units</u> 418 ug/L		<u>LOQ</u> 10.0	<u>LOD</u> 7.5	<u>DL</u> 3.3	Qualifiers
Trichloroethen	e		/9-01-0	416 ug/L		10.0	7.5	3.3	(
SURROGATE	ES								
<u>Compound</u>			CAS No	Recovery		Limits(%)			Qualifiers
,2-Dichloroet	hane-d4		17060-07-0	107 %		81 _ 118			
I-Bromofluoro	benzene		460-00-4	105%		85 – 114			
Dibromofluoro	methane		1868-53-7	93.60%		80 - 119			
Foluene-d8		_	2037-26-5	97.80%		89 - 112			



Client Sample ID
Lab Sample IDSP-300-20220202A
3225646003Collected
Lab Receipt02/02/2022 2:10 PM
02/04/2022 8:45 AMVolatiles - GC/MS

SW846 8260C

	Prep			\wedge	An	alysis ———		
Method	N/A	<u>Container</u>	3225646003-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
<u>Date</u>	N/A	Tech.	N/A	\mathcal{I}	<u>Date</u>	02/07/2022 4:44 PM	<u>Analyst</u>	DPC

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.90J ug/L	1.0	0.75	0.33	C,J
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	3.7 ug/L	1.0	0.75	0.33	С
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NW Workorder 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-300-20220202A 3225646003			Collected Lab Receipt		2022 2:10 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Trichloroethene	79-01-6	0.49J ug/L	1.0	0.75	0.33	C,J
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
Compound	CAS No	<u>Recovery</u>	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.20%	81 _ 118			
4-Bromofluorobenzene	460-00-4	101%	85 _ 114			
Dibromofluoromethane	1868-53-7	89.90 %	80 - 119			
Toluene-d8	2037-26-5	96.90 %	89 _ 112			



 Client Sample ID
 SP-303-20220202A

 Lab Sample ID
 3225646004

02/02/2022 2:15 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

(F	Prep			\wedge	An An	alysis ———		
	Method	N/A	<u>Container</u>	3225646004-A(Hydrochloric Acid)		Method	SW8468260C	Fraction	VOA_Trace
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
	Date	N/A	Tech.	N/A	\mathcal{I}	Date	02/07/2022 5:06 PM	<u>Analyst</u>	DPC

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.83J ug/L	1.0	0.75	0.33	C,J
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	5.8 ug/L	1.0	0.75	0.33	C
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646



Workorder 3225646						(ALS)
Client Sample ID Lab Sample ID	SP-303-20220202A 3225646004			Collected Lab Receipt		022 2:15 PM 022 8:45 AM
RESULTS						
Compound Trichloroethene	<u>CAS No</u> 79-01-6	<u>Result</u> <u>Units</u> 0.75U ug/L	<u>LOQ</u> 1.0	<u>LOD</u> 0.75	<u>DL</u> 0.33	<u>Qualifiers</u> c,u
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	<u>CAS No</u>	Recovery	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	101 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	106 %	85 _ 114			
Dibromofluoromethane	1868-53-7	91.10%	80 – 119			
Toluene-d8	2037-26-5	97.60 %	89 – 112			
Method Batch Date	Prep Container 32256 818641 Aliquot 100 m 02/09/2022 5:35 AM Tech. S7M			Fraction Dilution Analyst	1 GEC	
RESULTS	040 N				5	
<u>Compound</u> 1,4-Dioxane	<u>CAS No</u> 123-91-1	<u>Result</u> <u>Units</u> 0.070U ug/L	<u>LOQ</u> 0.070	LOD 0.070	<u>DL</u> 0.023	<u>Qualifiers</u> c,u
SURROGATES Compound 1,4-Dioxane-d8	<u>CAS No</u> 17647-74-4	<u>Recovery</u> 79.60 %	<u>Limits(%)</u> 70 – 130			Qualifiers
Method	Prep SW846 3015 <u>Container</u> 32256 818145 <u>Aliquot</u> 45 mL		Analysis <u>ethod</u> SW846 6020B <u>tch</u> 818261	Fraction Dilution	ICP_MS 1	

RESULTS

Date

02/06/2022 10:07 PM

Tech.

SXC

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	3.7U ug/L	5.6	3.7	1.9	C,U
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	2780 ug/L	110	73.0	37.0	С
	1 + 10 - 10 - 2	2,00 ug/L	110	70.0	07.0	<u>ر</u>

Date

02/07/20227:32 PM

<u>Analyst</u>

RMD

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646

Client Sample ID	SP-303-20220202A	Collected	02/02/2022 2:15 PM
Lab Sample ID	3225646004	Lab Receipt	02/04/2022 8:45 AM

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Chromium, Total	7440-47-3	0.79J ug/L	2.2	1.5	0.74	C,J
Cobalt, Total	7440-48-4	3.7U ug/L	5.6	3.7	1.9	C,U
Iron, Total	7439-89-6	27.3J ug/L	56.0	37.0	19.0	C,J
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	3210 ug/L	110	73.0	37.0	C
Manganese, Total	7439-96-5	3.7U ug/L	5.6	3.7	1.9	C,U
Nickel, Total	7440-02-0	3.7U ug/L	5.6	3.7	1.9	C,U
Potassium, Total	7440-09-7	34900 ug/L	110	73.0	37.0	C
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	2.7J ug/L	5.6	3.7	1.9	C,J

	Prep				Ar	nalysis ———		
() (,		
Method	SW846 3015	Container	3225646004-D(Nitric Acid)		<u>Method</u>	SW846 6020B	Fraction	ICP_MS
Batch	818145	<u>Aliquot</u>	45 mL		Batch	818577	Dilution	1
<u>Date</u>	02/06/2022 10:07 PM	Tech.	SXC	Л	Date	02/08/2022 6:56 PM	<u>Analyst</u>	RMD

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	12200 ug/L	110	73.0	37.0	C

Metals Analytical SW846 7470A

~ I	Prep		
	lop		
Method	SW8467470A	Container	3225646004-D(Nitric Acid)
Batch	819149	<u>Aliquot</u>	5 mL
<u>Date</u>	02/11/2022 12:45 PM	Tech.	A1S

(- Ar	alysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:25 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U





Client Sample ID Lab Sample ID

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SP-100-20220202B 3225646005 Collected Lab Receipt

02/02/2022 2:55 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

(F	Prep			$\sim c$	- An	alysis ———		
	Method	N/A	<u>Container</u>	3225646005-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
	Date	N/A	Tech.	N/A	\mathcal{I}	Date	02/07/2022 5:29 PM	<u>Analyst</u>	DPC

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethane	75-34-3	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethene	75-35-4	6.9 ug/L	1.0	0.75	0.33	C
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.8 ug/L	1.0	0.75	0.33	C
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.4 ug/L	1.0	0.75	0.33	C
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	3.9 ug/L	1.0	0.75	0.33	C
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	23.7 ug/L	1.0	0.75	0.33	C
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	3.7 ug/L	1.0	0.75	0.33	C
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NWIRF Workorder 3225646	P BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-100-20220202B 3225646005			Collected Lab Receipt		022 2:55 PM 022 8:45 AM
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	99%	81 _ 118			
4-Bromofluorobenzene	460-00-4	99.80 %	85 _ 114			
Dibromofluoromethane	1868-53-7	90.50 %	80 – 119			
Toluene-d8	2037-26-5	96.60 %	89 – 112			
Prep			Analysis			
<u>Method</u> N/A <u>Batch</u> N/A <u>Date</u> N/A	<u>Container</u> <u>Aliquot</u> <u>Tech.</u>	3225646005-A(Hydrochloric Acid) 5 mL N/A	Method SW846 8260C Batch 818629 Date 02/09/2022 1:28 AM	<u>Fraction</u> <u>Dilution</u> <u>Analyst</u>	VOA_Trace 50 PDK	
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Trichloroethene	79-01-6	1870 ug/L	50.0	37.5	16.5	С
SURROGATES						
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	105 %	81 - 118			
4-Bromofluorobenzene	460-00-4	105 %	85 - 114			
Dibromofluoromethane	1868-53-7	91.90 %	80 – 119			
Toluene-d8	2037-26-5	98.90 %	89 – 112			
Metals Analytical SW846 6020B			Analysis			
Method swa	46 3015 <u>Container</u>	3225646005-D(Nitric Acid)	Method SW8466020B	Fraction	ICP_MS	

	Method	SW846 3015	Container	3225646005-D(Nitric Acid)	
	Batch	818145	Aliquot	45 mL	
ļ	Date	02/06/2022 10:07 PM	Tech.	SXC	J

	– An	alysis ———			
Ν	Nethod	SW846 6020B	Fraction	ICP_MS	
E	Batch	818261	Dilution	1	
Ē	Date	02/07/2022 7:35 PM	<u>Analyst</u>	RMD	J

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.5J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	3410 ug/L	110	73.0	37.0	С
Chromium, Total	7440-47-3	0.79J ug/L	2.2	1.5	0.74	C,J

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Client Sample ID Lab Sample ID	SP-100-20220202B 3225646005			Collected Lab Receipt		2022 2:55 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Cobalt, Total	7440-48-4	2.3J ug/L	5.6	3.7	1.9	C,J
Iron, Total	7439-89-6	1360 ug/L	56.0	37.0	19.0	C
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	1420 ug/L	110	73.0	37.0	C
Manganese, Total	7439-96-5	21.9 ug/L	5.6	3.7	1.9	C
Nickel, Total	7440-02-0	3.1J ug/L	5.6	3.7	1.9	C,J
Potassium, Total	7440-09-7	659 ug/L	110	73.0	37.0	C
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	5.9 ug/L	5.6	3.7	1.9	C

Method	SW846 3015	<u>Container</u>	3225646005-D(Nitric Acid)
Batch	818145	<u>Aliquot</u>	45 mL
<u>Date</u>	02/06/202210:07 PM	Tech.	SXC

(- An	alysis ———			
	Method	SW846 6020B	Fraction	ICP_MS	
	Batch	818577	Dilution	1	
l	Date	02/08/2022 6:58 PM	<u>Analyst</u>	RMD	J

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	11200 ug/L	110	73.0	37.0	С

Metals Analytical SW846 7470A

(I	Prep			`
	Method	SW8467470A	Container	3225646005-D(Nitric Acid)	
	Batch	819149	<u>Aliquot</u>	5 mL	
l	<u>Date</u>	02/11/2022 12:45 PM	Tech.	A1S	ļ

1	Ar Ar	ialysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
l	Date	02/11/2022 4:26 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	Result Units	<u>LOQ</u>	LOD	<u>DL</u>	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U



Client Sample IDSP-201-20220202BCollectedLab Sample ID3225646006Lab Receipt

02/02/2022 2:59 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

	Prep			\wedge	Ar Ar	alysis ——		
Method	N/A	<u>Container</u>	3225646006-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
Date	N/A	Tech.	N/A	\mathcal{H}	Date	02/07/2022 5:51 PM	<u>Analyst</u>	DPC

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.97J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethane	75-34-3	0.97J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8J ug/L	5.0	3.8	1.6	C,J
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.8 ug/L	1.0	0.75	0.33	С
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.3 ug/L	1.0	0.75	0.33	С
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	0.44J ug/L	1.0	0.75	0.33	C,J
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	24.4 ug/L	1.0	0.75	0.33	C
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Client Sample ID Lab Sample ID		SP-201-20220202B 3225646006				Collected Lab Receipt		2022 2:59 PM 2022 8:45 AM
RESULTS								
<u>Compound</u>		CAS No	Result Units		LOQ	LOD	DL	Qualifiers
Trichlorofluoromethane		75-69-4	0.75U ug/L		1.0	0.75	0.33	C, l
Vinyl Chloride		75-01-4	0.75U ug/L		1.0	0.75	0.33	C,l
SURROGATES								
<u>Compound</u>		CAS No	Recovery		Limits(%)			Qualifiers
1,2-Dichloroethane-d4		17060-07-0	101 %		81 _ 118			
4-Bromofluorobenzene		460-00-4	101 %		85 _ 114			
Dibromofluoromethane		1868-53-7	90.50%		80 _ 119			
Toluene-d8		2037-26-5	97.20%		89 🗕 112			
	Prep			- Ar	nalysis ——			
Method	N/A	Container	3225646006-A(Hydrochloric Acid)	Method	SW846 8260C	Fraction	VOA_Trace	``
Batch	N/A	Aliquot	5 mL	Batch	818629	Dilution	5 5	
Date	N/A	<u>Tech.</u>	N/A	Date	02/08/2022 11:54 PM		PDK	
RESULTS								
<u>Compound</u>		<u>CAS No</u> 79-01-6	Result Units		<u>LOQ</u> 5.0	<u>LOD</u> 3.8	<u>DL</u> 1.7	Qualifiers
Trichloroethene SURROGATES		13-01-0	307 ug/L			5.0	1.7	(
			_					
Compound		<u>CAS No</u>	Recovery		Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4		17060-07-0	105%		81 - 118			
4-Bromofluorobenzene Dibromofluoromethane		460-00-4	105%		85 - 114			
Dibromotiuoromethane		1868-53-7	91.70%		80 - 119			



Client Sample ID Lab Sample ID SD-300 303

SP-300-20220202B 3225646007

Collected Lab Receipt 02/02/2022 3:05 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

Prep		Analysis	7
Method N/A	Container 3225646007-A(Hydrochloric Acid)	Method SW846 8260C Fraction VOA_Trace	
<u>Batch</u> N/A	Aliquot 5 mL	Batch 818180 Dilution 1	
Date N/A	<u>Tech.</u> N/A	Date 02/07/2022 6:14 PM <u>Analyst</u> DPC	J

RESULTS

1,1,1-richivoshane 71-85-6 0.701 up1 1.0 0.75 0.33 C.U 1.1.2.3-Technooshane 79-84-5 0.701 up1 1.0 0.76 0.33 C.U 1.1.1-Dickhoreshane 75-94-3 0.701 up1 1.0 0.77 0.33 C.U 1.1.1-Dickhoreshane 75-94-3 0.701 up1 1.0 0.76 0.33 C.U 1.2.Dickhoreshane 107-05-2 0.701 up1 1.0 0.75 0.33 C.U 1.2.Dickhoreshane 107-05-2 0.701 up1 1.0 0.75 0.33 C.U 1.2.Dickhoreshane 107-05-2 0.701 up1 1.0 0.76 0.33 C.U 1.2.Dickhoreshane 164-7-1 0.701 up1 1.0 0.76 0.33 C.U 1.4.Dickhoreshane 169-78-0 3.80 up1 5.0 3.8 1.6 C.U 2.Bulanone 78-93-3 3.80 up1 5.0 3.8 1.6 C.U 2.Bulanone 69-77-8-0 3.80 up1 5.0 3.	Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1.1.27irdh/ordefane 79-00-5 0.75U ugL 1.0 0.75 0.33 C.U 1.1.20irdh/ordefane 75-34-3 0.75U ugL 1.0 0.75 0.33 C.U 1.1.Dickhordefane 75-34-3 0.75U ugL 1.0 0.75 0.33 C.U 1.2.Dickhordefane 10.765-0.33 C.U 0.75U ugL 1.0 0.75 0.33 C.U 1.2.Dickhordefane 10.765-0.75U ugL 1.0 0.75 0.33 C.U 1.3.Dickhordefane 164-8.7 0.75U ugL 1.0 0.75 0.33 C.U 1.4.Dickhordefane 164-8.7 0.75U ugL 1.0 0.75 0.33 C.U 1.4.Dickhordefane 164-8.7 0.75U ugL 0.0 3.8 1.6 C.U 2.Hexaone 591-76.6 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexaone 674-84.1 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexaone 74-82 0.75U ugL 1.0 0.75	1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1.1. Dicklonestrame 75 34-3 0.78U ugL 1.0 0.75 0.33 CU 1.1. Dicklonestrame 75 35-4 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 107.06-2 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 107.06-2 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 547.75 0.78U ugL 1.0 0.75 0.33 CU 1.3. Dicklonestrame 567.75-1 0.75U ugL 1.0 0.75 0.33 CU 1.4. Dicklorobenzene 567.75-3 3.8U ugL 5.0 3.8 1.6 CU 2.Husanone 577.45 3.8U ugL 5.0 3.8 1.6 CU Acetone 67.44.1 3.8U ugL 1.0 0.75 0.33 CU Bromnethane 75.27.4 0.75U ugL 1.0 0.75 0.33 CU Bromnethane 75.43.5 0.75U ugL 1.0 0.75 0.	1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.1-Dicktorobenzene 75-38-4 0.78U ugl. 1.0 0.75 0.33 c.u 1.2-Dicktorobenzene 95-50-1 0.78U ugl. 1.0 0.75 0.33 c.u 1.2-Dicktorobenzene 178-67-5 0.78U ugl. 1.0 0.75 0.33 c.u 1.3-Dicktorobenzene 164-67 0.78U ugl. 1.0 0.75 0.33 c.u 1.4-Dicktorobenzene 164-64-7 0.78U ugl. 1.0 0.75 0.33 c.u 1.4-Dicktorobenzene 164-64-7 0.78U ugl. 1.0 0.75 0.33 c.u 1.4-Dicktorobenzene 78-83.3 3.8U ugl. 5.0 3.8 1.6 c.u 2-Buzanne 597-78-6 3.8U ugl. 5.0 3.8 1.6 c.u Actorne 67-64-1 3.8U ugl. 5.0 3.8 1.6 c.u Bromochromethane 77-42 0.75U ugl. 1.0 0.75 0.33 c.u Bromochromethane 74-83-9 0.45U ugl. 1.0 <t< td=""><td>1,1,2-Trichloroethane</td><td>79-00-5</td><td>0.75U ug/L</td><td>1.0</td><td>0.75</td><td>0.33</td><td>C,U</td></t<>	1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.2. Dichlorobergene 95-50.1 0.75U ugL 1.0 0.75 0.33 C.U 1.2. Dichlorobergene 178-06-2 0.75U ugL 1.0 0.75 0.33 C.U 1.2. Dichlorobergene 784-75 0.75U ugL 1.0 0.75 0.33 C.U 1.3. Dichlorobergene 541-73-1 0.75U ugL 1.0 0.75 0.33 C.U 2.Butanone 78-93.3 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 591-72-6 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 67-64-1 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 67-64-1 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 77-24 0.75U ugL 1.0 0.75 0.33 C.U Bannonethane 75-25-2 0.75U ugL 1.0 0.75 0.33 C.U Gaton Disulfde 75-15-0 0.75U ugL 1.0 0.75 0.33	1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1.2-Dicklorozethane 107-06-2 0.75U ugL 1.0 0.75 0.33 CU 1.2-Dicklorozepane 78-87-5 0.75U ugL 1.0 0.75 0.33 CU 1.3-Dicklorozenze 541-73-1 0.75U ugL 1.0 0.75 0.33 CU 1.4-Dicklorozenzee 106-46-7 0.76U ugL 1.0 0.75 0.33 CU 2-Butanone 78-93-3 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 77-64-1 3.8U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 75-27-4 0.75U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 76-43-9 0.75U ugL 1.0<	1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1.2-Dichlorophpane 78-87-5 0.75U ugl. 1.0 0.75 0.33 CU 1.3-Dichlorobenzene 541-73-1 0.75U ugl. 1.0 0.75 0.33 CU 1.4-Dichlorobenzene 106-46-7 0.75U ugl. 1.0 0.75 0.33 CU 2-Hoxanone 78-93-3 3.8U ugl. 5.0 3.8 1.6 CU 2-Hoxanone 591-78-6 3.8U ugl. 5.0 3.8 1.6 CU Acetone 67-64-1 3.8U ugl. 5.0 3.8 1.6 CU Bromodichloromethane 75-27.4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-27.4 0.75U ugl. 1.0 0.75 0.33 CU Bromodorm 75-25-2 0.75U ugl. 1.0 0.75 0.33 CU Carbon Terachlorale 56-23-5 0.75U ugl. 1.0 0.75 0.33 CU Carbon Terachlorale 75-0-3 0.75U ugl. 1.0 0.75	1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1.3 Ochonometane 641-73-1 0.75U ugl. 1.0 0.75 0.33 CU 1.4 Ochonometane 106-46-7 0.75U ugl. 1.0 0.75 0.33 CU 2-Butanore 78-93-3 3.8U ugl. 5.0 3.8 1.6 CU 2-Hexanore 591-78-6 3.8U ugl. 5.0 3.8 1.6 CU 2-Hexanore 67-64-1 3.8U ugl. 5.0 3.8 1.6 CU Berzere 77-43-2 0.75U ugl. 1.0 0.75 0.33 CU Bromodichiormethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichiormethane 75-27-2 0.75U ugl. 1.0 0.75 0.33 CU Grabon Disulfie 75-150 0.75U ugl. 1.0 0.75 0.33 CU Cathon Tetrachonide 66-23-5 0.75U ugl. 1.0 0.75 0.33 CU Chiorobenzene 109-80-7 0.75U ugl. 1.0 0.75 0.33	1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
I.A. Clichlorobenzene 108-46-7 0.75U upL 1.0 0.75 0.33 C.U 2-Butanone 78-93-3 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U Acetorie 67-64-1 3.8U upL 5.0 3.8 1.6 C.U Benzene 7143-2 0.75U upL 1.0 0.75 0.33 C.U Bromodiom 75-25-2 0.75U upL 1.0 0.75 0.33 C.U Bromodiom 75-25-2 0.75U upL 1.0 0.75 0.33 C.U Bromodiom 75-25-2 0.75U upL 1.0 0.75 0.33 C.U Caton Disulfide 75-15-0 0.75U upL 1.0 0.75 0.33 C.U Chiorobenzene 109-80-7 0.75U upL 1.0 0.75 0.33 C.U <tr< td=""><td>1,2-Dichloropropane</td><td>78-87-5</td><td>0.75U ug/L</td><td>1.0</td><td>0.75</td><td>0.33</td><td>C,U</td></tr<>	1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
Z-Butanone 78-03-3 3.8U ug/L 5.0 3.8 1.6 C.U 2-Hexanone 501-78-6 3.8U ug/L 5.0 3.8 1.6 C.U 4-Methyl2-Pentanone(MIBK) 108-10-1 3.8U ug/L 5.0 3.8 1.6 C.U Acetore 67-764-1 3.8U ug/L 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodihiloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodihine 74-83-9 0.45U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobironmethane 104-99-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobironmethane 104-89-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobironmethane 164-86-3 0.75U ug/L 1.0 0.75	1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
Z-Hexanore 591-78-6 3.8U ugl. 5.0 3.8 1.6 C.U L-Methyl-2-Pentanone(MIBK) 108-10-1 3.8U ugl. 5.0 3.8 1.6 C.U Acetore 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-2 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichloromethane 74-83-9 0.45U ugl. 1.0 0.75 0.33 C.U Garbon Tetrachloride 56-23-5 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ugl. 1.0 0.75 </td <td>1,4-Dichlorobenzene</td> <td>106-46-7</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
4-Methyl-2-Pentanone(MIBK) 108-10-1 3 8U ug/L 5.0 3.8 1.6 C.U Acetone 67-64-1 3.8U ug/L 5.0 3.8 1.6 C.U Berzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinbornethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinfine 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinfine 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Cathon Tetrachoride 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chioroberzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodethane 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodethane 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodethane 74-87-3 3.7 ug/L 1.0 0.75 0.	2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
Acetore 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Benzene 7143-2 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-25-2 0.75U ugl. 1.0 0.75 0.33 C.J Gromonethane 74-83-9 0.45J ugl. 1.0 0.75 0.33 C.J Grabon Disulfide 75-15-0 0.75U ugl. 1.0 0.75 0.33 C.U Charbon Tetrachloride 56-23-5 0.75U ugl. 1.0 0.75 0.33 C.U Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorodbenzene 124-48-1 0.75U ugl. 1.0 0.75 0.33 C.U Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorodbrane 75-0-33 0.7U ugl. 1.0 0.75	2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
Berizene 71-43-2 0.75U ug/L 1.0 0.75 0.33 CU Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 74-83-9 0.45J ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobersene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 124-48-1 0.75U ug/L 1.0<	4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 c.u Bromotorm 75-25-2 0.75U ug/L 1.0 0.75 0.33 c.u Bromotorm 75-25-2 0.75U ug/L 1.0 0.75 0.33 c.u Bromotorm 75-15-0 0.75U ug/L 1.0 0.75 0.33 c.u Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 17-86-3 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 166-59-2 0.75U ug/L 1.0 0.75 0.33 c	Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromoform 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromomethane 74-83-9 0.45J ug/L 1.0 0.75 0.33 C.J Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.J Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chloroethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroethane 76-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chloroethane 76-16-3 0.75U ug/L 1.0 0.75 0.33	Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane 74-83-9 0.45J ug/L 1.0 0.75 0.33 C.J Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 76-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chiorobenzene 166-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 10061-01-5 0.75U ug/L 1.0 0.75	Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 75-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chloroberhane 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Cis1-1.2-Dichloroberhene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10001-01-5 0.75U ug/L 1.0 0.75 0.	Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Entractionide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chlorobenzene 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Cis-1,2-Dichloroethane 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Gis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0	Bromomethane	74-83-9	0.45J ug/L	1.0	0.75	0.33	C,J
Chloroberzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L<	Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodiformomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodiformomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 166-59-2 0.75U ug/L 1.0 0.75 0.33 C.U dis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 <td>Carbon Tetrachloride</td> <td>56-23-5</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 </td <td>Chlorobenzene</td> <td>108-90-7</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 c.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 c.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 c.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 c.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 c.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108383/106423 1.5U ug/L 1.0<	Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chioromethane 74-87-3 3.7 ug/L 1.0 0.75 0.33 c Chioromethane 156-59-2 0.75U ug/L 1.0 0.75 0.33 C,U cis-1,2-Dichloroethene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U cis-1,3-Dichloroppene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0	Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C,U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U Methylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U o-Xylene 100-42-5 0.75U ug/L 1.0	Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 <t< td=""><td>Chloromethane</td><td>74-87-3</td><td>3.7 ug/L</td><td>1.0</td><td>0.75</td><td>0.33</td><td>C</td></t<>	Chloromethane	74-87-3	3.7 ug/L	1.0	0.75	0.33	C
Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl tene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U o-Xylene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L	cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
Freen 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75	cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ison ro 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl ene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 c.u mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 c.u o-Xylene 95-47-6 0.75U ug/L 1.0 0.755 0.33 c.u styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 c.u Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 c.u Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 c.u	Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
	Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene 156-60-5 0.75U ug/L 1.0 0.75 0.33 C,U	Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
	trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NW Workorder 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-300-20220202B 3225646007			Collected Lab Receipt		2022 3:05 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	102 %	85 _ 114			
Dibromofluoromethane	1868-53-7	89.60%	80 _ 119			
Toluene-d8	2037-26-5	95.20%	89 - 112			



 Client Sample ID
 SP-303-20220202B
 Collected
 02/02/2022 3:10 PM

 Lab Sample ID
 3225646008
 Lab Receipt
 02/04/2022 8:45 AM

 Volatiles - GC/MS
 Volatiles - GC/MS
 Volatiles - GC/MS
 Volatiles - GC/MS

SW846 8260C

(I	Prep —			$\sim c$	- Ar	nalysis ———			$\overline{}$
	Method	N/A	<u>Container</u>	3225646008-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace	
	Batch	N/A	Aliquot	5 mL		Batch	818180	Dilution	1	
	Date	N/A	Tech.	N/A	\mathcal{V}	<u>Date</u>	02/07/2022 6:36 PM	<u>Analyst</u>	DPC	

RESULTS

Compound	CAS No	<u>Result</u> <u>Units</u>	LOQ	LOD	DL	<u>Qualifiers</u>
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.3J ug/L	5.0	3.8	1.6	C,J
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	1.2 ug/L	1.0	0.75	0.33	C
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	5.6 ug/L	1.0	0.75	0.33	C
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646



Workorder 3225646						(ALS)		
•	303-20220202B 5646008			Collected Lab Receipt		2022 3:10 PM 2022 8:45 AM		
RESULTS								
Compound	CAS No	<u>Result</u> <u>Units</u>	LOQ	LOD	<u>DL</u>	<u>Qualifiers</u>		
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U		
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U		
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U		
SURROGATES								
Compound	CAS No	Recovery	Limits(%)			<u>Qualifiers</u>		
1,2-Dichloroethane-d4	17060-07-0	102 %	81 _ 118					
4-Bromofluorobenzene	460-00-4	103 %	85 🗕 114					
Dibromofluoromethane	1868-53-7	90.20%	80 🗕 119					
Toluene-d8	2037-26-5	94.90 %	89 🗕 112					
Prep <u>Method</u> EPA 522 <u>Batch</u> 818641 <u>Date</u> 02/09/2022 5	Aliquot 100	ImL Bat		Fraction Dilution Analyst	1 GEC			
RESULTS								
Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	<u>Qualifiers</u>		
1,4-Dioxane	123-91-1	0.070U ug/L	0.070	0.070	0.023	C,U		
SURROGATES								
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			<u>Qualifiers</u>		
1,4-Dioxane-d8	17647-74-4	74.40 %	70 – 130					
Metals Analytical SW846 6020B								

1					\ /)
	Method	SW8463015	<u>Container</u>	3225646008-D(Nitric Acid)		Method	SW846 6020B	Fraction	ICP_MS
	Batch	818145	<u>Aliquot</u>	45 mL		Batch	818261	Dilution	1
	Date	02/06/2022 10:07 PM	Tech.	SXC	\mathcal{H}	Date	02/07/20227:37 PM	<u>Analyst</u>	RMD

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.3J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	3840 ug/L	110	73.0	37.0	C

ProjectEPR037Workorder3225646	INWIRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-303-20220202B 3225646008			Collected Lab Receipt		/2022 3:10 PM /2022 8:45 AM
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Chromium, Total	7440-47-3	0.86J ug/L	2.2	1.5	0.74	C,J
Cobalt, Total	7440-48-4	3.7U ug/L	5.6	3.7	1.9	C,U
Iron, Total	7439-89-6	45.5J ug/L	56.0	37.0	19.0	C,J
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	3330 ug/L	110	73.0	37.0	С
Manganese, Total	7439-96-5	3.7U ug/L	5.6	3.7	1.9	C,U
Nickel, Total	7440-02-0	3.7U ug/L	5.6	3.7	1.9	C,U
Potassium, Total	7440-09-7	26400 ug/L	110	73.0	37.0	C
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	2.3J ug/L	5.6	3.7	1.9	C,J

	Prep				Ar	nalysis ———		
Method	SW846 3015	<u>Container</u>	3225646008-D(Nitric Acid)		Method	SW846 6020B	Fraction	ICP_MS
Batch	818145	<u>Aliquot</u>	45 mL		Batch	818577	Dilution	1
Date	02/06/2022 10:07 PM	Tech.	SXC	\mathcal{I}	Date	02/08/2022 7:00 PM	<u>Analyst</u>	RMD

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	13000 ug/L	110	73.0	37.0	С

Metals Analytical SW846 7470A

~~ F	Prep		
Method	SW8467470A	<u>Container</u>	3225646008-D(Nitric Acid)
Batch	819149	<u>Aliquot</u>	5 mL
Date	02/11/2022 12:45 PM	Tech.	A1S

(- Ar	nalysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:27 PM	<u>Analyst</u>	A1S	

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U





SD 400 2020

SP-100-20220202C 3225646009 Collected Lab Receipt

02/02/2022 3:52 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

(~ I	Prep			$\sim c$	- Ar	nalysis ———			
	Method	N/A	Container	3225646009-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace	
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818180	Dilution	1	
	Date	N/A	Tech.	N/A	\mathcal{H}	Date	02/07/2022 6:59 PM	<u>Analyst</u>	DPC	

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethane	75-34-3	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethene	75-35-4	6.8 ug/L	1.0	0.75	0.33	C
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.7 ug/L	1.0	0.75	0.33	С
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.3 ug/L	1.0	0.75	0.33	С
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	3.7 ug/L	1.0	0.75	0.33	C
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	24.0 ug/L	1.0	0.75	0.33	С
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	3.8 ug/L	1.0	0.75	0.33	С
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NWIRP Workorder 3225646	BETHPAGE NY					ALS
	SP-100-20220202C			Collected	02/02/20	022 3:52 PM
Lab Sample ID	3225646009			Lab Receipt	02/04/20)22 8:45 AM
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	<u>DL</u>	<u>Qualifiers</u>
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	CAS No	Recovery	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	102 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	106 %	85 _ 114			
Dibromofluoromethane	1868-53-7	89.90 %	80 🗕 119			
Toluene-d8	2037-26-5	97.70%	89 – 112			
Prep <u>Method</u> N/A	Container	3225646009-A(Hydrochloric Acid)	Analysis	Fraction	VOA_Trace	
Batch N/A	Aliquot	5 mL	Batch 818629	Dilution	50	
<u>Date</u> N/A	<u>Tech.</u>	N/A	Date 02/09/2022 1:50 AM	<u>Analyst</u>	PDK	
RESULTS						
<u>Compound</u>	<u>CAS No</u> 79-01-6	Result <u>Units</u> 1800 ug/L	<u>LOQ</u> 50.0	<u>LOD</u> 37.5	<u>DL</u> 16.5	<u>Qualifiers</u> c
Trichloroethene SURROGATES		1000 49/2			10.0	
Compound	CAS No	Recovery	Limits(%)			<u>Qualifiers</u>
1,2-Dichloroethane-d4	17060-07-0	106 %	81 - 118			
4-Bromofluorobenzene	460-00-4	104 %	85 - 114			
Dibromofluoromethane	1868-53-7	90.90 %	80 - 119			
Toluene-d8	2037-26-5	97.60 %	89 – 112			
Metals Analytical SW846 6020B			Analysis			
Method SW84	6 3015 <u>Container</u>	3225646009-D(Nitric Acid)	Method SW8466020B	Fraction	ICP_MS	
Datab avai	- Allan +		Detah Magu			1

Batch

Date

818145

02/06/2022 10:07 PM

<u>Aliquot</u>

Tech.

45 mL

SXC

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.3J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	3350 ug/L	110	73.0	37.0	C
Chromium, Total	7440-47-3	0.84J ug/L	2.2	1.5	0.74	C,J

Batch

Date

818261

02/07/20227:48 PM

Dilution

Analyst

1

RMD

				A H A H		
Client Sample ID Lab Sample ID	SP-100-20220202C 3225646009			Collected Lab Receipt		2022 3:52 PM 2022 8:45 AM
	3223040009			Lab Receipt	02/04/	2022 0.45 AIVI
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Cobalt, Total	7440-48-4	2.2J ug/L	5.6	3.7	1.9	C,J
Iron, Total	7439-89-6	1450 ug/L	56.0	37.0	19.0	C
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	1380 ug/L	110	73.0	37.0	C
Manganese, Total	7439-96-5	18.0 ug/L	5.6	3.7	1.9	C
Nickel, Total	7440-02-0	7.0 ug/L	5.6	3.7	1.9	C
Potassium, Total	7440-09-7	664 ug/L	110	73.0	37.0	C
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	12.2 ug/L	5.6	3.7	1.9	C

Method	SW846 3015	Container	3225646009-D(Nitric Acid)
Batch	818145	<u>Aliquot</u>	45 mL
Date	02/06/2022 10:07 PM	Tech.	SXC

1	Ar Ar	nalysis ———			
	Method	SW846 6020B	Fraction	ICP_MS	
	Batch	818577	Dilution	1	
	Date	02/08/2022 7:04 PM	<u>Analyst</u>	RMD	J

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	2.3J ug/L	5.6	3.7	1.9	C,J
Sodium, Total	7440-23-5	11300 ug/L	110	73.0	37.0	C

Metals Analytical SW846 7470A

Prep <u>Method</u> SW846 7470A <u>Container</u> 32256460 <u>Batch</u> 819149 <u>Aliquot</u> 5 mL				
	Method	SW8467470A	Container	3225646009-D(Nitric Acid)
	Batch	819149	<u>Aliquot</u>	5 mL
l	Date	02/11/2022 12:45 PM	Tech.	A1S

(- An	ialysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:31 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	Result Units	<u>LOQ</u>	LOD	<u>DL</u>	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U





 Client Sample ID
 SP-201-20220202C
 Collected
 02/02/2022 3:55 PM

 Lab Sample ID
 3225646010
 Lab Receipt
 02/04/2022 8:45 AM

 Volatiles - GC/MS
 Volatiles - GC/MS
 Volatiles - GC/MS
 Volatiles - GC/MS

SW846 8260C

Pre Pre	р		$\wedge $	- An	alysis ———		
Method N	A <u>Containe</u>	3225646010-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch N,	A <u>Aliquot</u>	5 mL		Batch	818180	Dilution	1
<u>Date</u> N,	/A <u>Tech.</u>	N/A	\mathcal{H}	Date	02/07/2022 7:21 PM	<u>Analyst</u>	DPC

RESULTS

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.88J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethane	75-34-3	0.80J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.7 ug/L	1.0	0.75	0.33	C
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.2 ug/L	1.0	0.75	0.33	C
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	23.6 ug/L	1.0	0.75	0.33	С
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.38J ug/L	1.0	0.75	0.33	C,J
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NW Workorder 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-201-20220202C 3225646010			Collected Lab Receipt		2022 3:55 PM 2022 8:45 AM
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
Trichloroethene	79-01-6	90.0 ug/L	1.0	0.75	0.33	С
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
Compound	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105 %	81 🗕 118			
4-Bromofluorobenzene	460-00-4	105 %	85 🗕 114			
Dibromofluoromethane	1868-53-7	92.90 %	80 _ 119			
Toluene-d8	2037-26-5	97.90%	89 - 112			





SD 200 20200

SP-300-20220202C 3225646011 Collected Lab Receipt

02/02/2022 4:00 PM 02/04/2022 8:45 AM

Volatiles - GC/MS

<u> </u>	Prep			\wedge (- An	alysis ———			$\overline{}$
Method	N/A	<u>Container</u>	3225646011-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace	
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1	
Date	N/A	Tech.	N/A	\mathcal{H}	Date	02/08/2022 2:37 AM	<u>Analyst</u>	PDK	

RESULTS

11.17-Lickbrowshame 71-55-6 0.75U upL 10 0.75 0.33 C.U 1.12.2-Trekhonshame 78-04-5 0.75U upL 10 0.75 0.33 C.U 1.1.Dickhonshame 75-34-3 0.75U upL 10 0.75 0.33 C.U 1.1.Dickhonshame 75-34-3 0.75U upL 10 0.75 0.33 C.U 1.2.Dickhonshame 17-55-2 0.75U upL 10 0.75 0.33 C.U 1.2.Dickhonshame 17-57-5 0.75U upL 10 0.75 0.33 C.U 1.2.Dickhonshame 64-75-1 0.75U upL 10 0.75 0.33 C.U 1.2.Dickhonshame 64-75-1 0.75U upL 10 0.75 0.33 C.U 2.Buhanone 78-83-3 3.8U upL 50 3.8 1.6 C.U 2.Buhanone 79-78-0 3.8U upL 50 3.8 1.6 C.U 2.Buhanone 79-78-0 3.8U upL 50 3.8 1.6	Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1.12 Trichlorosthane 79-00-5 0.76U ugL 1.0 0.75 0.33 CU 1.12 Trichlorosthane 75-34-3 0.76U ugL 1.0 0.75 0.33 CU 1.12 Dichlorosthane 75-34-3 0.76U ugL 1.0 0.75 0.33 CU 1.2 Dichlorosthane 95-50-1 0.75U ugL 1.0 0.75 0.33 CU 1.2 Dichlorosthane 107-46-2 0.75U ugL 1.0 0.75 0.33 CU 1.2 Dichlorosthane 164-7 0.75U ugL 1.0 0.75 0.33 CU 1.4 Dichlorobenzane 164-67 0.75U ugL 1.0 0.75 0.33 CU 1.4 Dichlorobenzane 164-67 0.75U ugL 1.0 0.75 0.33 CU 2 Hexanone 174-92 0.75U ugL 1.0 0.75 0.33 CU 2 Hexanone 67-64-1 3.8U ugL 5.0 3.8 1.6 CLU 2 Hexanone 67-64-1 3.8U ugL 1.0 0.75	1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1.1-Dichloreshane 75-84-3 0.76U ugL 10 0.75 0.33 CLU 1.1-Dichloreshane 75-354 0.76U ugL 1.0 0.75 0.33 CLU 1.2-Dichlorbernane 95-50-1 0.75U ugL 1.0 0.75 0.33 CLU 1.2-Dichlorbernane 107-06-2 0.75U ugL 1.0 0.75 0.33 CLU 1.2-Dichlorbernane 78-87-5 0.75U ugL 1.0 0.75 0.33 CLU 1.2-Dichlorbernane 106-49-7 0.75U ugL 1.0 0.75 0.33 CLU 1.4-Dichloroberzane 106-49-7 0.75U ugL 5.0 3.8 1.6 CLU 2-Buranone 691-78-4 3.8U ugL 5.0 3.8 1.6 CLU Actone 67-64-1 3.8U ugL 5.0 3.8 1.6 CLU Barnaneichloromethane 75-274 0.75U ugL 1.0 0.75 0.33 CLU Bronondichloromethane 75-424 0.75U ugL 1.0 0.75 <td>1,1,2,2-Tetrachloroethane</td> <td>79-34-5</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.1-Dichlorodehene 75-38-4 0.76U ugl. 1.0 0.75 0.33 c.u 1.2-Dichlorodehzene 107-06-2 0.76U ugl. 1.0 0.75 0.33 c.u 1.2-Dichlorodehzene 78-87-5 0.75U ugl. 1.0 0.75 0.33 c.u 1.2-Dichlorodehzene 78-87-5 0.75U ugl. 1.0 0.75 0.33 c.u 1.3-Dichlorodehzene 164-87-7 0.75U ugl. 1.0 0.75 0.33 c.u 1.4-Dichlorobehzene 164-84-7 0.75U ugl. 1.0 0.75 0.33 c.u 2-Bustanne 591-78-6 3.8U ugl. 5.0 3.8 1.6 c.u Acotone 67-64-1 3.8U ugl. 5.0 3.8 1.6 c.u Acotone 67-64-1 3.8U ugl. 5.0 3.8 1.6 c.u Bromochinomethane 77-42-2 0.75U ugl. 1.0 0.75 0.33 c.u Bromochinomethane 74-83-9 0.75U ugl. 1.0 0.75<	1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.2.Dichloroberane 98-50.1 0.75U ugiL 1.0 0.75 0.33 C.U 1.2.Dichloroberane 107-08-2 0.75U ugiL 1.0 0.75 0.33 C.U 1.2.Dichloroberane 78-97-5 0.75U ugiL 1.0 0.75 0.33 C.U 1.2.Dichloroberane 108-46-7 0.75U ugiL 1.0 0.75 0.33 C.U 2.Butanone 78-93.3 3.8U ugiL 5.0 3.8 1.6 C.U 2.Hexanone 59-72-6 3.8U ugiL 5.0 3.8 1.6 C.U 2.Hexanone 57-67-8 3.8U ugiL 5.0 3.8 1.6 C.U 2.Hexanone 57-67-8 3.8U ugiL 5.0 3.8 1.6 C.U 2.Hexanone 76-41 3.8U ugiL 5.0 3.8 1.6 C.U Aceton 67-64.1 3.8U ugiL 1.0 0.75 0.33 C.U Bromodicharoberane 75-92.0 0.75U ugiL 1.0 0.75 0.33 <	1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1.2.Dichlorophane 107.06-2 0.78U ugL 1.0 0.75 0.33 CU 1.2.Dichlorophane 78.97.5 0.76U ugL 1.0 0.75 0.33 CU 1.3.Dichlorophane 54173-1 0.75U ugL 1.0 0.75 0.33 CU 1.4.Dichlorophane 78.93.3 3.8U ugL 1.0 0.75 0.33 CU 2.Butanone 591.78-6 3.8U ugL 5.0 3.8 1.6 CU 4.Methyl-2-Pentanone(MISK) 108-10-1 3.8U ugL 5.0 3.8 1.6 CU Acetone 67.94.1 3.8U ugL 5.0 3.8 1.6 CU Mathyl-2-Pentanone(MISK) 108-10-1 3.8U ugL 1.0 0.75 0.33 CU Bronophom 75-27-4 0.75U ugL 1.0 0.75 0.33 CU Bronophom 75-25-2 0.75U ugL 1.0 0.75 0.33 CU Cathon Disulfide 75-15-0 0.75U ugL 1.0 0.75 0.33 <td>1,1-Dichloroethene</td> <td>75-35-4</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1.2-Dichloropropane 78-87-5 0.75U ugL 1.0 0.75 0.33 CU 1.3-Dichlorobenzene 541-73-1 0.75U ugL 1.0 0.75 0.33 CU 1.4-Dichlorobenzene 106-467 0.75U ugL 1.0 0.75 0.33 CU 2-Butanone 78-93-3 3.8U ugL 5.0 3.8 1.6 CU 2-Hoxanone 691-78-6 3.8U ugL 5.0 3.8 1.6 CU Acetone 67-64-1 3.8U ugL 5.0 3.8 1.6 CU Baccone 71-43-2 0.75U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 75-27-4 0.75U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 75-52 0.75U ugL 1.0 0.75 0.33 CU Cation Totrachioride 56-23-5 0.75U ugL 1.0 0.75 0.33 CU Cation Totrachioride 56-23-5 0.75U ugL 1.0 0.75 0.33 <td>1,2-Dichlorobenzene</td> <td>95-50-1</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1.3. Biolinobenzene 541-73-1 0.75U ug/L 1.0 0.75 0.33 CU 1.4. Dichlorobenzene 106-46-7 0.75U ug/L 1.0 0.75 0.33 CU 2-Butanone 78-93-3 3.8U ug/L 5.0 3.8 1.6 CU 2-Hexanone 591-78-6 3.8U ug/L 5.0 3.8 1.6 CU 2-Hexanone 67-44-1 3.8U ug/L 5.0 3.8 1.6 CU Acetone 67-44-1 3.8U ug/L 5.0 3.8 1.6 CU Bernender/Hormethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 CU Bromodic/Hormethane 75-27-2 0.75U ug/L 1.0 0.75 0.33 CU Garbon Disulfie 75-15-0 0.75U ug/L 1.0 0.75 0.33 CU Carbon Tosulfie 75-15-0 0.75U ug/L 1.0 0.75 0.33 CU Carbon Tosulfie 75-15-0 0.75U ug/L 1.0 0.75 0.33 <td>1,2-Dichloroethane</td> <td>107-06-2</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1.4. Dicklobenzene 108-46-7 0.75U upL 1.0 0.75 0.33 C.U 2-Butanone 78-93-3 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U 4-Methyl-2-Pentanone(MBK) 100-10-1 3.8U upL 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U upL 1.0 0.75 0.33 C.U Bromodichomethane 75-27-4 0.75U upL 1.0 0.75 0.33 C.U Bromodichomethane 75-15-2 0.75U upL 1.0 0.75 0.33 C.U Carbon Tetrachorize 109-80-7 0.75U upL 1.0 0.75 0.33 C.U Chiorobenzene 109-80-7 0.75U upL 1.0 0.75 0.33 C.U Chiorobenzene 109-80-7 0.75U upL 1.0 0.75 0.33 </td <td>1,2-Dichloropropane</td> <td>78-87-5</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone 78-93-3 3.8U ug/L 5.0 3.8 1.6 C.U 2-Hexanone 501-78-6 3.8U ug/L 5.0 3.8 1.6 C.U 4-Methyl-2-Pentanone(MIBK) 108-10-1 3.8U ug/L 5.0 3.8 1.6 C.U Acetone 67-764-1 3.8U ug/L 5.0 3.8 1.6 C.U Berzene 7143-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichiloronethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichiloronethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Catoon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbromomethane 102-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbromomethane 104-89-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbromomethane 104-87-3 0.75U ug/L 1.0 0.7	1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
2-Hexano 591-78-6 3.8U ugl. 5.0 3.8 1.6 C.U 4-Methyl-2-Pentanone(MIBK) 108-10-1 3.8U ugl. 5.0 3.8 1.6 C.U Acetore 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichiomethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichiomethane 75-27-2 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichiomethane 74-83-9 0.75U ugl. 1.0 0.75 0.33 C.U Cathon Disulfide 75-15-0 0.75U ugl. 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chiorobenzene 124-48-1 0.75U ugl. 1.0 0.75	1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
4-Methyl-2-Pentanone(MIBK) 108-10-1 3 8U ug/L 5.0 3.8 1.6 C.U Acetone 67-64-1 3.8U ug/L 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodi/biormethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodi/biormethane 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodi/biormethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Tetrachloride 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodentane 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodentane 76-6-3 0.75U ug/L 1.0 0.75 </td <td>2-Butanone</td> <td>78-93-3</td> <td>3.8U ug/L</td> <td>5.0</td> <td>3.8</td> <td>1.6</td> <td>C,U</td>	2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
Actions 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Berzene 71.43-2 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-25-2 0.75U ugl. 1.0 0.75 0.33 CU Dromomethane 74-83-9 0.75U ugl. 1.0 0.75 0.33 CU Carbon Disulfide 75-15-0 0.75U ugl. 1.0 0.75 0.33 CU Carbon Tetrachloride 56-23-5 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 106-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbrame 75-0-3 0.75U ugl. 1.0 0.75 0.3	2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
Berzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromomethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Tetrachloride 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbrom 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodbrame 74-87-3 3.9 ug/L 1.0 0.75<	4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 c.u Bromodorm 75-25-2 0.75U ug/L 1.0 0.75 0.33 c.U Bromonethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 c.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 c.U Carbon Tetrachioride 56-23-5 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 76-0-3 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 165-59-2 0.75U ug/L 1.0 0.75	Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromoform 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromomethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenae 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenae 76-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobethane 76-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chlorobethane 106-10-5 0.75U ug/L 1.0 0.75 0.33	Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobethane 76-0-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobethane 74-87-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chlorobethane 166-59-2 0.75U ug/L 1.0 0.75 0.33 C.U <	Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodethane 76-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chlorodethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 10064-01-5 0.75U ug/L 1.0 0.75 0.33	Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chlorobenzene 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chlorobenzene 166-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Gis-1,2-Dichlorobenene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Gis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 <	Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroberzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibrethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.	Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroditarine 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chloroditarine 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroditarine 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 <	Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl L-Butyl Ether 1634-04-4 0.75U ug/L 1.0	Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 74-87-3 3.9 ug/L 1.0 0.75 0.33 c.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 c.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 c.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 c.U Freen 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 c.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl L-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 c.U mp-Xylene 108383/106423 1.5U ug/L 1.0	Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane 74-87-3 3.9 ug/L 1.0 0.75 0.33 c Chloromethane 156-59-2 0.75U ug/L 1.0 0.75 0.33 C,U cis-1,2-Dichloroethene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U cis-1,3-Dichloroppene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0	Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Distribution Display and the second sec	Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U o-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0	Chloromethane	74-87-3	3.9 ug/L	1.0	0.75	0.33	C
Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl ten Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U o-Xylene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L	cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
Freen 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl ene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75	cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Tollene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl tene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 c.u mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 c.u o-Xylene 95-47-6 0.75U ug/L 1.0 0.755 0.33 c.u styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 c.u Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 c.u Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 c.u	Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
	Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene 156-60-5 0.75U ug/L 1.0 0.75 0.33 C,U	Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
	trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NW Workorder 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-300-20220202C 3225646011			Collected Lab Receipt		2022 4:00 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	107 %	85 _ 114			
Dibromofluoromethane	1868-53-7	92.70%	80 _ 119			
Toluene-d8	2037-26-5	98.90%	89 - 112			



 Client Sample ID
 SP-303-20220202C

 Lab Sample ID
 3225646012

02/02/2022 4:04 PM 02/04/2022 8:45 AM

Collected

Lab Receipt

Volatiles - GC/MS SW846 8260C

F	Prep			$\sim c$	- An	alysis ———		
Method	N/A	Container	3225646012-A(Hydrochloric Acid)		Method	SW8468260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1
Date	N/A	Tech.	N/A	\mathcal{H}	<u>Date</u>	02/08/2022 3:00 AM	<u>Analyst</u>	РОК

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75J ug/L	1.0	0.75	0.33	C,J
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	5.7 ug/L	1.0	0.75	0.33	C
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646



<u>Workorder</u> 3225646						(ALS)
Client Sample ID Lab Sample ID	SP-303-20220202C 3225646012			Collected Lab Receipt		022 4:04 PM 022 8:45 AM
RESULTS						
Compound Trichloroethene	<u>CAS No</u> 79-01-6	<u>Result</u> <u>Units</u> 0.75U ug/L	<u>LOQ</u> 1.0	<u>LOD</u> 0.75	<u>DL</u> 0.33	<u>Qualifiers</u> c,u
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
Compound 1,2-Dichloroethane-d4	<u>CAS No</u> 17060-07-0	<u>Recovery</u> 101%	<u>Limits(%)</u> 81 – 118			<u>Qualifiers</u>
4-Bromofluorobenzene	460-00-4	103 %	85 _ 114			
Dibromofluoromethane	1868-53-7	89.20%	80 _ 119			
Toluene-d8	2037-26-5	99.30 %	89 - 112			
Batch 818		· · · · · · · · · · · · · · · · · · ·	Analysis ethod EPA 522 atch 818728 ate 02/09/2022 11:44 AM	<u>Fraction</u> <u>Dilution</u> M <u>Analyst</u>	1 GEC	
RESULTS	CASNo	Popult Unite			וח	Qualifiers
<u>Compound</u> 1,4-Dioxane	<u>CAS No</u> 123-91-1	Result <u>Units</u> 0.070U ug/L	<u>LOQ</u> 0.070	LOD 0.070	<u>DL</u> 0.023	<u>Qualifiers</u> C,U
SURROGATES	<u>CAS No</u>	Recovery	Limits(%)			Qualifiers
1,4-Dioxane-d8	17647-74-4	86.50 %	70 – 130			<u></u>
Metals Analytical SW846 6020B	p		Analysis ———			
	W846 3015 Container 322564 8145 Aliquot 45 mL		ethod SW8466020B atch 818261	Fraction Dilution	ICP_MS 1	

RESULTS

Date

02/06/2022 10:07 PM

Tech.

SXC

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.1J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	4650 ug/L	110	73.0	37.0	С

Date

02/07/20227:50 PM

<u>Analyst</u>

RMD

ProjectEPR037 NWorkorder3225646	WIRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-303-20220202C 3225646012			Collected Lab Receipt		2022 4:04 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Chromium, Total	7440-47-3	1.5U ug/L	2.2	1.5	0.74	C,U
Cobalt, Total	7440-48-4	3.7U ug/L	5.6	3.7	1.9	C,U
Iron, Total	7439-89-6	36.4J ug/L	56.0	37.0	19.0	C,J
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	2500 ug/L	110	73.0	37.0	С
Manganese, Total	7439-96-5	3.7U ug/L	5.6	3.7	1.9	C,U
Nickel, Total	7440-02-0	3.7U ug/L	5.6	3.7	1.9	C,U
Potassium, Total	7440-09-7	15500 ug/L	110	73.0	37.0	С
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	3.7U ug/L	5.6	3.7	1.9	C,U

	Prep			\wedge (An An	alysis ———		
Method	SW846 3015	<u>Container</u>	3225646012-D(Nitric Acid)		Method	SW846 6020B	Fraction	ICP_MS
Batch	818145	<u>Aliquot</u>	45 mL		Batch	818577	Dilution	1
<u>Date</u>	02/06/2022 10:07 PM	Tech.	SXC	Л	<u>Date</u>	02/08/2022 7:06 PM	<u>Analyst</u>	RMD

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	11900 ug/L	110	73.0	37.0	С

Metals Analytical SW846 7470A

~ I	Prep		
Method	SW8467470A	Container	3225646012-D(Nitric Acid)
Batch	819149	<u>Aliquot</u>	5 mL
<u>Date</u>	02/11/2022 12:45 PM	Tech.	A1S

(- Ar	alysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:32 PM	<u>Analyst</u>	A1S)

RESULTS

Compound	CAS No	<u>Result</u> <u>Units</u>	LOQ	<u>LOD</u>	DL	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U





SP-100-20220202D 3225646013

Collected Lab Receipt

02/02/2022 4:15 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

1	<u> </u>	Prep ——			γ	Ar	nalysis ———				•
	Method	N/A	Container	3225646013-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace		
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1		ĺ
	Date	N/A	Tech.	N/A	Л	Date	02/08/2022 3:23 AM	<u>Analyst</u>	PDK	J	1

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	1.1 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethane	75-34-3	1.0 ug/L	1.0	0.75	0.33	C
1,1-Dichloroethene	75-35-4	6.4 ug/L	1.0	0.75	0.33	C
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.5 ug/L	1.0	0.75	0.33	C
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.3 ug/L	1.0	0.75	0.33	C
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	3.6 ug/L	1.0	0.75	0.33	C
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	22.7 ug/L	1.0	0.75	0.33	C
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	3.8 ug/L	1.0	0.75	0.33	С
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Client Sample ID	SP-100-20220202D			Collected	02/02/2	022 4:15 PM
Lab Sample ID	3225646013			Lab Receipt		022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C, L
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,l
SURROGATES						
<u>Compound</u>	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	81 _ 118			
4-Bromofluorobenzene	460-00-4	105 %	85 _ 114			
Dibromofluoromethane	1868-53-7	92.80 %	80 _ 119			
Toluene-d8	2037-26-5	97.80%	89 _ 112			
Pre Pre	n		Analysis —			
((
Method N/		· •	Method SW8468260C	Fraction	VOA_Trace	
Batch N/ Date N/		5 mL N/A	<u>Batch</u> 818629 Date 02/09/2022 2:13 AM	<u>Dilution</u> <u>Analyst</u>	50 PDK	
RESULTS	040.1					
Compound	<u>CAS No</u> 79-01-6	Result Units 1730 ug/L	<u>LOQ</u> 50.0	<u>LOD</u> 37.5	<u>DL</u> 16.5	Qualifiers
Trichloroethene	79-01-0		50.0	51.5	10.5	(
SURROGATES						
<u>Compound</u>	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103 %	81 - 118			
4-Bromofluorobenzene	460-00-4	103 %	85 _ 114			
Dibromofluoromethane	1868-53-7	94.10%	80 - 119			
Toluene-d8	2037-26-5	96%	89 - 112			
Metals Analytical SW846 6020B						
Pre Pre	р		Analysis —			

Date

02/06/2022 10:07 PM

Tech.

SXC

CAS No	Result Units	LOQ	LOD	DL	Qualifiers
7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
7440-39-3	2.3J ug/L	5.6	3.7	1.9	C,J
7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
7440-70-2	3300 ug/L	110	73.0	37.0	С
7440-47-3	2.4 ug/L	2.2	1.5	0.74	С
	7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2	7440-36-0 1.5U ug/L 7440-38-2 2.0U ug/L 7440-39-3 2.3J ug/L 7440-41-7 0.70U ug/L 7440-43-9 0.70U ug/L 7440-70-2 3300 ug/L	7440-36-0 1.5U ug/L 2.2 7440-38-2 2.0U ug/L 3.3 7440-39-3 2.3J ug/L 5.6 7440-41-7 0.70U ug/L 1.1 7440-43-9 0.70U ug/L 1.1 7440-70-2 3300 ug/L 110	7440-36-0 1.5U ug/L 2.2 1.5 7440-38-2 2.0U ug/L 3.3 2.0 7440-39-3 2.3J ug/L 5.6 3.7 7440-41-7 0.70U ug/L 1.1 0.70 7440-43-9 0.70U ug/L 1.1 0.70 7440-70-2 3300 ug/L 110 73.0	7440-36-0 1.5U ug/L 2.2 1.5 0.74 7440-38-2 2.0U ug/L 3.3 2.0 1.1 7440-39-3 2.3J ug/L 5.6 3.7 1.9 7440-41-7 0.70U ug/L 1.1 0.70 0.37 7440-43-9 0.70U ug/L 1.1 0.70 0.37 7440-70-2 3300 ug/L 110 73.0 37.0

Date

02/07/2022 7:52 PM

Analyst

RMD

Client Sample ID Lab Sample ID	SP-100-20220202D 3225646013			Collected Lab Receipt		2022 4:15 PM 2022 8:45 AM
	5225040015				02/04/	2022 0.45 AN
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers
Cobalt, Total	7440-48-4	2.1J ug/L	5.6	3.7	1.9	С,.
Iron, Total	7439-89-6	993 ug/L	56.0	37.0	19.0	(
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,L
Magnesium, Total	7439-95-4	1420 ug/L	110	73.0	37.0	(
Manganese, Total	7439-96-5	16.1 ug/L	5.6	3.7	1.9	(
Nickel, Total	7440-02-0	2.9J ug/L	5.6	3.7	1.9	C,.
Potassium, Total	7440-09-7	658 ug/L	110	73.0	37.0	(
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,l
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,l
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,l
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,l
Zinc, Total	7440-66-6	5.7 ug/L	5.6	3.7	1.9	(

Method	SW846 3015	<u>Container</u>	3225646013-D(Nitric Acid)
Batch	818145	<u>Aliquot</u>	45 mL
<u>Date</u>	02/06/2022 10:07 PM	Tech.	SXC

(- An	alysis ———			
	Method	SW846 6020B	Fraction	ICP_MS	
	Batch	818577	Dilution	1	
	<u>Date</u>	02/08/2022 7:08 PM	<u>Analyst</u>	RMD	J

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	11300 ug/L	110	73.0	37.0	С

Metals Analytical SW846 7470A

(F	Prep			7
	Method	SW8467470A	Container	3225646013-D(Nitric Acid)	
	Batch	819149	<u>Aliquot</u>	5 mL	
	Date	02/11/2022 12:45 PM	Tech.	A1S	J

(Ar	nalysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	Date	02/11/2022 4:36 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U



CD 004 0000

SP-201-20220202D

3225646014

Collected Lab Receipt 02/02/2022 4:18 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

1	F	Prep			$\sim c$	Ar	nalysis ———				
	Method	N/A	<u>Container</u>	3225646014-A(Hydrochloric Acid)		Method	SW8468260C	Fraction	VOA_Trace		
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1		
	Date	N/A	Tech.	N/A	\mathcal{H}	Date	02/08/2022 3:45 AM	<u>Analyst</u>	PDK	J	

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.89J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethane	75-34-3	0.87J ug/L	1.0	0.75	0.33	C,J
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	2.5 ug/L	1.0	0.75	0.33	С
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	1.2 ug/L	1.0	0.75	0.33	С
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	0.47J ug/L	1.0	0.75	0.33	C,J
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	22.1 ug/L	1.0	0.75	0.33	С
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.59J ug/L	1.0	0.75	0.33	C,J
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Client Sample ID Lab Sample ID		SP-201-20220202D 3225646014				Collected Lab Receipt		2022 4:18 PM 2022 8:45 AM
RESULTS								
<u>Compound</u>		CAS No	Result Units		LOQ	LOD	DL	Qualifiers
Trichlorofluoromethane		75-69-4	0.75U ug/L		1.0	0.75	0.33	C,l
Vinyl Chloride		75-01-4	0.75U ug/L		1.0	0.75	0.33	C,U
SURROGATES								
Compound		CAS No	Recovery		Limits(%)			Qualifiers
1,2-Dichloroethane-d4		17060-07-0	102 %		81 _ 118			
4-Bromofluorobenzene		460-00-4	105 %		85 _ 114			
Dibromofluoromethane		1868-53-7	91.40%		80 _ 119			
Toluene-d8		2037-26-5	97.70%		89 🗕 112			
	Prep			Ar	nalysis ——			
Method	d N/A	Container	3225646014-A(Hydrochloric Acid)	Method	SW846 8260C	Fraction	VOA_Trace	,
Batch	N/A	Aliquot	5 mL	Batch	818629	Dilution	10	
Date	N/A	<u>Tech.</u>	N/A	Date	02/09/2022 12:39 AM	Analyst	PDK	
RESULTS								
Compound		<u>CAS No</u>	<u>Result</u> <u>Units</u>		LOQ	LOD	DL	Qualifiers
Trichloroethene		79-01-6	225 ug/L		10.0	7.5	3.3	<u>Quainicit</u>
SURROGATES								
O a man a sum d			Deserver		1 : : 1 (0()			Qualifians
Compound 1,2-Dichloroethane-d4		<u>CAS No</u> 17060-07-0	Recovery 105%		<u>Limits(%)</u> 81 – 118			<u>Qualifiers</u>
4-Bromofluorobenzene		460-00-4	105 %		85 - 114			
Dibromofluoromethane		1868-53-7	94.70%		80 - 119			
Toluene-d8		2037-26-5	97.80%		89 - 112			



3225646015

SP-300-20220202D

Collected Lab Receipt 02/02/2022 4:20 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

1	~ I	Prep			$\sim c$	Ar	nalysis ———			 ١
	Method	N/A	<u>Container</u>	3225646015-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace	
	Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1	
	Date	N/A	Tech.	N/A	\mathcal{H}	Date	02/08/2022 4:08 AM	<u>Analyst</u>	PDK	J

RESULTS

11.17-Existence interner 754-56 0.751 ugl. 10 0.75 0.33 C.U 1.1.2.3-Technocethane 7940-5 0.751 ugl. 10 0.75 0.33 C.U 1.1.10-Existencethane 753-43 0.750 ugl. 10 0.75 0.33 C.U 1.1.10-Existencethane 753-43 0.750 ugl. 10 0.75 0.33 C.U 1.2.0-Existencethane 1070-52 0.750 ugl. 10 0.75 0.33 C.U 1.2.0-Existencethane 1070-52 0.750 ugl. 10 0.75 0.33 C.U 1.2.0-Existencethane 10470-52 0.750 ugl. 10 0.75 0.33 C.U 1.2.0-Existencethane 104-647 0.750 ugl. 10 0.75 0.33 C.U 2.Eduatorie 78-93 3.80 ugl. 50 3.8 1.6 C.U 2.Eduatorie 694-75-6 3.80 ugl. 50 3.8 1.6 C.U 2.Eduatorie 674-1 3.80 ugl. 50	Compound	CAS No	Result Units	LOQ	LOD	DL	<u>Qualifiers</u>
1.1.27irdh/ordefane 79-00-5 0.75U ugL 1.0 0.75 0.33 C.U 1.1.20irdh/ordefane 75-34-3 0.75U ugL 1.0 0.75 0.33 C.U 1.1.Dickhordefane 75-34-3 0.75U ugL 1.0 0.75 0.33 C.U 1.2.Dickhordefane 10.765-0.33 C.U 0.75U ugL 1.0 0.75 0.33 C.U 1.2.Dickhordefane 10.765-0.75U ugL 1.0 0.75 0.33 C.U 1.3.Dickhordefane 164-8.7 0.75U ugL 1.0 0.75 0.33 C.U 1.4.Dickhordefane 164-8.7 0.75U ugL 1.0 0.75 0.33 C.U 1.4.Dickhordefane 164-8.7 0.75U ugL 0.0 3.8 1.6 C.U 2.Hexaone 591-76.6 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexaone 674-81 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexaone 674-82 0.75U ugL 1.0 0.75	1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1.1. Dicklonestrame 75 34-3 0.78U ugL 1.0 0.75 0.33 CU 1.1. Dicklonestrame 75 35-4 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 107.06-2 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 107.06-2 0.78U ugL 1.0 0.75 0.33 CU 1.2. Dicklonestrame 547.75 0.78U ugL 1.0 0.75 0.33 CU 1.3. Dicklonestrame 567.75-1 0.75U ugL 1.0 0.75 0.33 CU 1.4. Dicklorobenzene 567.75-3 3.8U ugL 5.0 3.8 1.6 CU 2.Husanone 577.45 3.8U ugL 5.0 3.8 1.6 CU Acetone 67.44.1 3.8U ugL 1.0 0.75 0.33 CU Bromnethane 75.27.4 0.75U ugL 1.0 0.75 0.33 CU Bromnethane 75.43.5 0.75U ugL 1.0 0.75 0.	1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.1-Dicktorobenzene 75-38-4 0.78U ugl. 1.0 0.75 0.33 c.u 1.2-Dicktorobenzene 95-50-1 0.78U ugl. 1.0 0.75 0.33 c.u 1.2-Dicktorobenzene 178-67-5 0.78U ugl. 1.0 0.75 0.33 c.u 1.3-Dicktorobenzene 164-67 0.78U ugl. 1.0 0.75 0.33 c.u 1.4-Dicktorobenzene 164-64-7 0.78U ugl. 1.0 0.75 0.33 c.u 1.4-Dicktorobenzene 164-64-7 0.78U ugl. 1.0 0.75 0.33 c.u 2-Buzanne 591-78-4 3.8U ugl. 5.0 3.8 1.6 c.u Actone 67-64-1 3.8U ugl. 5.0 3.8 1.6 c.u Actone 67-64-1 3.8U ugl. 5.0 3.8 1.6 c.u Bromochromethane 71-43-2 0.75U ugl. 1.0 0.75 0.33 c.u Bromochromethane 71-43-2 0.78U ugl. 1.0 0.75	1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1.2. Dichlorobergene 95-50.1 0.75U ugL 1.0 0.75 0.33 C.U 1.2. Dichlorobergene 178-06-2 0.75U ugL 1.0 0.75 0.33 C.U 1.2. Dichlorobergene 784-75 0.75U ugL 1.0 0.75 0.33 C.U 1.2. Dichlorobergene 541-73-1 0.75U ugL 1.0 0.75 0.33 C.U 2.Butanone 78-93.3 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 591-72-6 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 67-64-1 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 67-64-1 3.8U ugL 5.0 3.8 1.6 C.U 2.Hexanone 77-24 0.75U ugL 1.0 0.75 0.33 C.U Bromodicharomethane 75-25-2 0.75U ugL 1.0 0.75 0.33 C.U Garbon Disulide 75-15-0 0.75U ugL 1.0 0.75 0.33 <td>1,1-Dichloroethane</td> <td>75-34-3</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1.2-Dicklorozethane 107-06-2 0.75U ugL 1.0 0.75 0.33 CU 1.2-Dicklorozepane 78-87-5 0.75U ugL 1.0 0.75 0.33 CU 1.3-Dicklorozenze 541-73-1 0.75U ugL 1.0 0.75 0.33 CU 1.4-Dicklorozenzee 106-46-7 0.76U ugL 1.0 0.75 0.33 CU 2-Butanone 78-93-3 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 5.0 3.8 1.6 CU 4-Methyl-Pertanone(MIBK) 108-10-1 3.8U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 77-64-1 3.8U ugL 1.0 0.75 0.33 CU Bromodichtoromethane 75-27-4 0.75U ugL 1.0 0.75 0.33 CU Grathon Disulfide 75-15-0 0.75U ugL 1.0 <td>1,1-Dichloroethene</td> <td>75-35-4</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1.2-Dichlorophpane 78-87-5 0.75U ugl. 1.0 0.75 0.33 CU 1.3-Dichlorobenzene 541-73-1 0.75U ugl. 1.0 0.75 0.33 CU 1.4-Dichlorobenzene 106-46-7 0.75U ugl. 1.0 0.75 0.33 CU 2-Hoxanone 78-93-3 3.8U ugl. 5.0 3.8 1.6 CU 2-Hoxanone 591-78-6 3.8U ugl. 5.0 3.8 1.6 CU Acetone 67-64-1 3.8U ugl. 5.0 3.8 1.6 CU Bromodichloromethane 75-27.4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-27.4 0.75U ugl. 1.0 0.75 0.33 CU Bromodorm 75-25-2 0.75U ugl. 1.0 0.75 0.33 CU Carbon Tetrachlorale 56-23-5 0.75U ugl. 1.0 0.75 0.33 CU Carbon Tetrachlorale 75-03 0.75U ugl. 1.0 0.75	1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1.3 Ochonometane 641-73-1 0.75U ugl. 1.0 0.75 0.33 CU 1.4 Ochonometane 106-46-7 0.75U ugl. 1.0 0.75 0.33 CU 2-Butanore 78-93-3 3.8U ugl. 5.0 3.8 1.6 CU 2-Hexanore 591-78-6 3.8U ugl. 5.0 3.8 1.6 CU 2-Hexanore 67-64-1 3.8U ugl. 5.0 3.8 1.6 CU Berzere 77-43-2 0.75U ugl. 1.0 0.75 0.33 CU Bromodichiormethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichiormethane 75-27-2 0.75U ugl. 1.0 0.75 0.33 CU Grabon Disulfie 75-150 0.75U ugl. 1.0 0.75 0.33 CU Cathon Tetrachonide 66-23-5 0.75U ugl. 1.0 0.75 0.33 CU Chiorobenzene 109-80-7 0.75U ugl. 1.0 0.75 0.33	1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
I.A. Clichlorobenzene 108-46-7 0.75U upL 1.0 0.75 0.33 C.U 2-Butanone 78-93-3 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U 2-Hexanone 591-78-6 3.8U upL 5.0 3.8 1.6 C.U Acetorie 67-64-1 3.8U upL 5.0 3.8 1.6 C.U Berzene 7143-2 0.75U upL 1.0 0.75 0.33 C.U Bromodiom 75-25-2 0.75U upL 1.0 0.75 0.33 C.U Bromodiom 75-25-2 0.75U upL 1.0 0.75 0.33 C.U Gaton Disulfide 75-15-0 0.75U upL 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U upL 1.0 0.75 0.33 C.U Chiorobenzene 76-03.3 0.75U upL 1.0 0.75 0.33 C.U	1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
Z-Butanone 78-03-3 3.8U ug/L 5.0 3.8 1.6 C.U 2-Hexanone 501-78-6 3.8U ug/L 5.0 3.8 1.6 C.U 4-Methyl2-Pentanone(MIBK) 108-10-1 3.8U ug/L 5.0 3.8 1.6 C.U Acetore 67-764-1 3.8U ug/L 5.0 3.8 1.6 C.U Bernzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodihiloromethane 75-27-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodihine 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobinomethane 104-99-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobinomethane 104-99-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobinomethane 104-48-1 0.75U ug/L 1.0 0.75 <	1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
Z-Hexanore 591-78-6 3.8U ugl. 5.0 3.8 1.6 C.U L-Methyl-2-Pentanone(MIBK) 108-10-1 3.8U ugl. 5.0 3.8 1.6 C.U Acetore 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Benzene 71-43-2 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-2 0.75U ugl. 1.0 0.75 0.33 C.U Garbon Tbisuffide 76-15-0 0.75U ugl. 1.0 0.75 0.33 C.U Carbon Tbisuffide 56-23-5 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ugl. 1.0 0.75	1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
4-Methyl-2-Pentanone(MIBK) 108-10-1 3 8U ug/L 5.0 3.8 1.6 C.U Acetone 67-64-1 3.8U ug/L 5.0 3.8 1.6 C.U Berzene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinbornethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinfine 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodinfine 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Tetrachoride 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chioroberzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodetrane 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodetrane 75-06-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodetrane 74-87-3 4.1 ug/L 1.0 0.75 0.	2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
Acetore 67-64-1 3.8U ugl. 5.0 3.8 1.6 C.U Benzene 7143-2 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-27-4 0.75U ugl. 1.0 0.75 0.33 CU Bromodichloromethane 75-25-2 0.75U ugl. 1.0 0.75 0.33 CU Dromomethane 74-83-9 0.75U ugl. 1.0 0.75 0.33 CU Carbon Disulfide 75-15-0 0.75U ugl. 1.0 0.75 0.33 CU Charbon Tetrachloride 56-23-5 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbenzene 108-90-7 0.75U ugl. 1.0 0.75 0.33 CU Chlorodbrane 75-0-33 0.7U ugl. 1.0 0.75 0.3	2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
Berizene 71-43-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromodichloromethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 74-073 4.1 ug/L 1.0 0.75 0.33 C.U Chlorodibromomethane 74-87.3 4.1 ug/L 1.0	4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromodichloromethane 75-27-4 0.75U ug/L 1.0 0.75 0.33 c.u Bromotorm 75-25-2 0.75U ug/L 1.0 0.75 0.33 c.u Bromotorm 75-25-2 0.75U ug/L 1.0 0.75 0.33 c.u Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 c.u Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 76-80-3 0.75U ug/L 1.0 0.75 0.33 c.U Chlorobethane 166-59-2 0.75U ug/L 1.0 0.75 0.33	Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Bromoform 75-25-2 0.75U ug/L 1.0 0.75 0.33 C.U Bromomethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chiorothmemethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorothmae 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chiorothmae 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Chiorothene 165-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Gis-1,3-Dichiorothene 106-10-5 0.75U ug/L 1.0 0.75 <	Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane 74-83-9 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodbromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chiorodbrame 76-03 0.75U ug/L 1.0 0.75 0.33 C.U Chioromethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Chioromethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Chioromethane 166-59-2 0.75U ug/L 1.0 0.75 0.33	Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide 75-15-0 0.75U ug/L 1.0 0.75 0.33 C.U Carbon Disulfide 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 76-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroberhane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Chloroberhane 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Cis1.3-Dichloroberhane 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10061-01-5 0.75U ug/L 1.0 0.75 0.33	Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride 56-23-5 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobenzene 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Cis-1.2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U Gis-1.3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 10041-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0	Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroberzene 108-90-7 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U Chlorobitromomethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L<	Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromothane 124-48-1 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromothane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chlorodibromothane 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl Ether 1634-04-4 0.75U ug/L 1.0 </td <td>Carbon Tetrachloride</td> <td>56-23-5</td> <td>0.75U ug/L</td> <td>1.0</td> <td>0.75</td> <td>0.33</td> <td>C,U</td>	Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane 75-00-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 C.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L <t< td=""><td>Chlorobenzene</td><td>108-90-7</td><td>0.75U ug/L</td><td>1.0</td><td>0.75</td><td>0.33</td><td>C,U</td></t<>	Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform 67-66-3 0.75U ug/L 1.0 0.75 0.33 C.U Chloromethane 74-87-3 4.1 ug/L 1.0 0.75 0.33 c.U cis-1,2-Dichloroethene 156-59-2 0.75U ug/L 1.0 0.75 0.33 c.U cis-1,3-Dichloroptopene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 c.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 c.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 c.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 c.U Methyl cyclohexane 108383/106423 1.5U ug/L 1.0<	Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane74-87-34.1 ug/L1.00.750.33ccis-1,2-Dichloroethene156-59-20.75U ug/L1.00.750.33C.Ucis-1,3-Dichloroppene10061-01-50.75U ug/L1.00.750.33C.UEthylbenzene100-41-40.75U ug/L1.00.750.33C.UFreon 11376-13-10.75U ug/L1.00.750.33C.UIsopropylbenzene98-82-80.75U ug/L1.00.750.33C.UMethyl cyclohexane108-87-20.75U ug/L1.00.750.33C.UMethyl t-Butyl Ether1634-04-40.75U ug/L1.00.750.33C.UMethylene Chloride75-09-20.75U ug/L1.00.750.33C.Ump-Xylene108383/1064231.5U ug/L1.00.750.33C.UStyrene100-42-50.75U ug/L1.00.750.33C.UIsoproethene127-18-40.75U ug/L1.00.750.33C.UToluene108-88-30.75U ug/L1.00.750.33C.U	Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
District 156-59-2 0.75U ug/L 1.0 0.75 0.33 C.U cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C.U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U o-Xylene 95-47-6 0.75U ug/L 1.0	Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene 10061-01-5 0.75U ug/L 1.0 0.75 0.33 C,U Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C,U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 <t< td=""><td>Chloromethane</td><td>74-87-3</td><td>4.1 ug/L</td><td>1.0</td><td>0.75</td><td>0.33</td><td>С</td></t<>	Chloromethane	74-87-3	4.1 ug/L	1.0	0.75	0.33	С
Ethylbenzene 100-41-4 0.75U ug/L 1.0 0.75 0.33 C.U Freon 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C.U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methyl tene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U o-Xylene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L	cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
Freen 113 76-13-1 0.75U ug/L 1.0 0.75 0.33 C,U Isopropylbenzene 98-82-8 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 1.0 0.75 0.33 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75	cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ison ro 98-82-8 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C.U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane 108-87-2 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C,U Methyl ene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C,U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether 1634-04-4 0.75U ug/L 1.0 0.75 0.33 C.U Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 C.U mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C.U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride 75-09-2 0.75U ug/L 1.0 0.75 0.33 c.u mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 c.u o-Xylene 95-47-6 0.75U ug/L 1.0 0.755 0.33 c.u styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 c.u Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 c.u Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 c.u	Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene 108383/106423 1.5U ug/L 2.0 1.5 0.66 C,U o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C,U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
o-Xylene 95-47-6 0.75U ug/L 1.0 0.75 0.33 C.U Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C.U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C.U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C.U	Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene 100-42-5 0.75U ug/L 1.0 0.75 0.33 C,U Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
Tetrachloroethene 127-18-4 0.75U ug/L 1.0 0.75 0.33 C,U Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene 108-88-3 0.75U ug/L 1.0 0.75 0.33 C,U	Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
	Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene 156-60-5 0.75U ug/L 1.0 0.75 0.33 C,U	Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
	trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project EPR037 NW Workorder 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-300-20220202D 3225646015			Collected Lab Receipt		2022 4:20 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	105 %	85 _ 114			
Dibromofluoromethane	1868-53-7	89.90 %	80 _ 119			
Toluene-d8	2037-26-5	98.30 %	89 - 112			



SD 303 0000

3225646016

SP-303-20220202D

Collected

Lab Receipt

02/02/2022 4:22 PM 02/04/2022 8:45 AM

Volatiles - GC/MS SW846 8260C

F	Prep			$\sim c$	Ar Ar	alysis ———		
Method	N/A	<u>Container</u>	3225646016-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1
Date	N/A	Tech.	N/A	Γl	<u>Date</u>	02/08/2022 4:31 AM	<u>Analyst</u>	РОК

RESULTS

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	1.2 ug/L	1.0	0.75	0.33	С
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	5.4 ug/L	1.0	0.75	0.33	C
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U

Project	EPR037 NWIRP BETHPAGE NY
Workorder	3225646



Workorder 3225646						(ALS)		
Client Sample ID Lab Sample ID	SP-303-20220202D 3225646016			Collected Lab Receipt		/2022 4:22 PM /2022 8:45 AM		
RESULTS								
Compound	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers		
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U		
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U		
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U		
SURROGATES								
<u>Compound</u>	CAS No	Recovery	Limits(%)			<u>Qualifiers</u>		
1,2-Dichloroethane-d4	17060-07-0	102 %	81 - 118					
4-Bromofluorobenzene	460-00-4	104 %	85 🗕 114					
Dibromofluoromethane	1868-53-7	89.20%	80 🗕 119					
Toluene-d8	2037-26-5	97.90 %	89 – 112					
EPA 522 Prep <u>Method</u> EPA <u>Batch</u> 8186 <u>Date</u> 02/0	522 <u>Container</u> 3 641 <u>Aliquot</u> 1	3225646016-E(Na Sulfite and Na Bis 100 mL S7M	Analysis Method EPA 522 Batch 818728 Date 02/09/2022 12:08 PM	Fraction Dilution Analyst	1 GEC			
RESULTS								
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	<u>DL</u>	Qualifiers		
1,4-Dioxane	123-91-1	0.070U ug/L	0.070	0.070	0.023	C,U		
SURROGATES								
<u>Compound</u>	CAS No	<u>Recovery</u>	Limits(%)			<u>Qualifiers</u>		
1,4-Dioxane-d8	17647-74-4	72.90%	70 – 130					
Metals Analytical SW846 6020B								

(Prep			۱ /		ialysis ———		
	Method	SW8463015	<u>Container</u>	3225646016-D(Nitric Acid)		Method	SW8466020B	Fraction	ICP_MS
	Batch	818145	<u>Aliquot</u>	45 mL		Batch	818261	Dilution	1
	Date	02/06/2022 10:07 PM	Tech.	SXC	\mathcal{I}	Date	02/07/2022 7:55 PM	<u>Analyst</u>	RMD

<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Antimony, Total	7440-36-0	1.5U ug/L	2.2	1.5	0.74	C,U
Arsenic, Total	7440-38-2	2.0U ug/L	3.3	2.0	1.1	C,U
Barium, Total	7440-39-3	2.0J ug/L	5.6	3.7	1.9	C,J
Beryllium, Total	7440-41-7	0.70U ug/L	1.1	0.70	0.37	C,U
Cadmium, Total	7440-43-9	0.70U ug/L	1.1	0.70	0.37	C,U
Calcium, Total	7440-70-2	4680 ug/L	110	73.0	37.0	С

ProjectEPR037 NVWorkorder3225646	WIRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	SP-303-20220202D 3225646016			Collected Lab Receipt		2022 4:22 PM 2022 8:45 AM
RESULTS						
Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Chromium, Total	7440-47-3	1.5U ug/L	2.2	1.5	0.74	C,U
Cobalt, Total	7440-48-4	3.7U ug/L	5.6	3.7	1.9	C,U
Iron, Total	7439-89-6	31.9J ug/L	56.0	37.0	19.0	C,J
Lead, Total	7439-92-1	1.5U ug/L	2.2	1.5	0.74	C,U
Magnesium, Total	7439-95-4	2380 ug/L	110	73.0	37.0	С
Manganese, Total	7439-96-5	3.7U ug/L	5.6	3.7	1.9	C,U
Nickel, Total	7440-02-0	3.7U ug/L	5.6	3.7	1.9	C,U
Potassium, Total	7440-09-7	13800 ug/L	110	73.0	37.0	С
Selenium, Total	7782-49-2	3.7U ug/L	5.6	3.7	1.9	C,U
Silver, Total	7440-22-4	1.5U ug/L	2.2	1.5	0.74	C,U
Thallium, Total	7440-28-0	0.70U ug/L	1.1	0.70	0.37	C,U
Vanadium, Total	7440-62-2	1.5U ug/L	2.2	1.5	0.74	C,U
Zinc, Total	7440-66-6	3.7U ug/L	5.6	3.7	1.9	C,U

(Prep			$\backslash $	An An	alysis ———		
	Method	SW846 3015	<u>Container</u>	3225646016-D(Nitric Acid)		Method	SW846 6020B	Fraction	ICP_MS
	Batch	818145	<u>Aliquot</u>	45 mL		Batch	818577	Dilution	1
	<u>Date</u>	02/06/2022 10:07 PM	Tech.	SXC	\mathcal{I}	<u>Date</u>	02/08/2022 7:28 PM	<u>Analyst</u>	RMD

Compound	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Aluminum, Total	7429-90-5	59.0U ug/L	89.0	59.0	30.0	C,U
Copper, Total	7440-50-8	3.7U ug/L	5.6	3.7	1.9	C,U
Sodium, Total	7440-23-5	11700 ug/L	110	73.0	37.0	С

Metals Analytical SW846 7470A

<u> </u>	Prep		
-			
Method	SW8467470A	<u>Container</u>	3225646016-D(Nitric Acid)
Batch	819149	<u>Aliquot</u>	5 mL
<u>Date</u>	02/11/2022 12:45 PM	Tech.	A1S

(Ar	nalysis ——			
	Method	SW8467470A	Fraction	Hg	
	Batch	819188	Dilution	1	
	<u>Date</u>	02/11/2022 4:37 PM	<u>Analyst</u>	A1S	J

RESULTS

Compound	CAS No	<u>Result</u> <u>Units</u>	LOQ	<u>LOD</u>	DL	<u>Qualifiers</u>
Mercury, Total	7439-97-6	0.33U ug/L	0.50	0.33	0.16	C,U





Client Sample IDTrip BlankCollected02/02/2022 12:00 AMLab Sample ID3225646017Lab Receipt02/04/2022 8:45 AMVolatiles - GC/MSVolatiles - GC/MSVolatiles - GC/MSVolatiles - GC/MS

SW846 8260C

- F	Prep			$\sim c$	Ar Ar	nalysis ———		
Method	N/A	<u>Container</u>	3225646017-A(Hydrochloric Acid)		Method	SW846 8260C	Fraction	VOA_Trace
Batch	N/A	<u>Aliquot</u>	5 mL		Batch	818291	Dilution	1
Date	N/A	Tech.	N/A	\mathcal{H}	<u>Date</u>	02/07/2022 11:37 PM	<u>Analyst</u>	РОК

RESULTS

Compound	CAS No	<u>Result</u> <u>Units</u>	LOQ	LOD	DL	<u>Qualifiers</u>
1,1,1-Trichloroethane	71-55-6	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2,2-Tetrachloroethane	79-34-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1,2-Trichloroethane	79-00-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethane	75-34-3	0.75U ug/L	1.0	0.75	0.33	C,U
1,1-Dichloroethene	75-35-4	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichlorobenzene	95-50-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloroethane	107-06-2	0.75U ug/L	1.0	0.75	0.33	C,U
1,2-Dichloropropane	78-87-5	0.75U ug/L	1.0	0.75	0.33	C,U
1,3-Dichlorobenzene	541-73-1	0.75U ug/L	1.0	0.75	0.33	C,U
1,4-Dichlorobenzene	106-46-7	0.75U ug/L	1.0	0.75	0.33	C,U
2-Butanone	78-93-3	3.8U ug/L	5.0	3.8	1.6	C,U
2-Hexanone	591-78-6	3.8U ug/L	5.0	3.8	1.6	C,U
4-Methyl-2-Pentanone(MIBK)	108-10-1	3.8U ug/L	5.0	3.8	1.6	C,U
Acetone	67-64-1	3.8U ug/L	5.0	3.8	1.6	C,U
Benzene	71-43-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromodichloromethane	75-27-4	0.75U ug/L	1.0	0.75	0.33	C,U
Bromoform	75-25-2	0.75U ug/L	1.0	0.75	0.33	C,U
Bromomethane	74-83-9	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Disulfide	75-15-0	0.75U ug/L	1.0	0.75	0.33	C,U
Carbon Tetrachloride	56-23-5	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorobenzene	108-90-7	0.75U ug/L	1.0	0.75	0.33	C,U
Chlorodibromomethane	124-48-1	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroethane	75-00-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloroform	67-66-3	0.75U ug/L	1.0	0.75	0.33	C,U
Chloromethane	74-87-3	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,2-Dichloroethene	156-59-2	0.75U ug/L	1.0	0.75	0.33	C,U
cis-1,3-Dichloropropene	10061-01-5	0.75U ug/L	1.0	0.75	0.33	C,U
Ethylbenzene	100-41-4	0.75U ug/L	1.0	0.75	0.33	C,U
Freon 113	76-13-1	0.75U ug/L	1.0	0.75	0.33	C,U
Isopropylbenzene	98-82-8	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl cyclohexane	108-87-2	0.75U ug/L	1.0	0.75	0.33	C,U
Methyl t-Butyl Ether	1634-04-4	0.75U ug/L	1.0	0.75	0.33	C,U
Methylene Chloride	75-09-2	0.75U ug/L	1.0	0.75	0.33	C,U
mp-Xylene	108383/106423	1.5U ug/L	2.0	1.5	0.66	C,U
o-Xylene	95-47-6	0.75U ug/L	1.0	0.75	0.33	C,U
Styrene	100-42-5	0.75U ug/L	1.0	0.75	0.33	C,U
Tetrachloroethene	127-18-4	0.75U ug/L	1.0	0.75	0.33	C,U
Toluene	108-88-3	0.75U ug/L	1.0	0.75	0.33	C,U
trans-1,2-Dichloroethene	156-60-5	0.75U ug/L	1.0	0.75	0.33	C,U
		5				2,0

<u>Project</u> EPR037 NW <u>Workorder</u> 3225646	/IRP BETHPAGE NY					ALS
Client Sample ID Lab Sample ID	Trip Blank 3225646017			Collected Lab Receipt		022 12:00 AM 2022 8:45 AM
RESULTS						
<u>Compound</u>	CAS No	Result Units	LOQ	LOD	DL	Qualifiers
Trichloroethene	79-01-6	0.75U ug/L	1.0	0.75	0.33	C,U
Trichlorofluoromethane	75-69-4	0.75U ug/L	1.0	0.75	0.33	C,U
Vinyl Chloride	75-01-4	0.75U ug/L	1.0	0.75	0.33	C,U
SURROGATES						
Compound	CAS No	Recovery	Limits(%)			Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104 %	81 _ 118			
4-Bromofluorobenzene	460-00-4	105 %	85 🗕 114			
Dibromofluoromethane	1868-53-7	92.80%	80 - 119			
Toluene-d8	2037-26-5	98.20%	89 _ 112			



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3225646001	SP-100-20220202A	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		SW846 8260C	N/A	
3225646002	SP-201-20220202A	SW846 8260C	N/A	
3225646003	SP-300-20220202A	SW846 8260C	N/A	
3225646004	SP-303-20220202A	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		EPA 522	EPA 522	
		SW846 8260C	N/A	
3225646005	SP-100-20220202B	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		SW846 8260C	N/A	
3225646006	SP-201-20220202B	SW846 8260C	N/A	
3225646007	SP-300-20220202B	SW846 8260C	N/A	
3225646008	SP-303-20220202B	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		EPA 522	EPA 522	
		SW846 8260C	N/A	
3225646009	SP-100-20220202C	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		SW846 8260C	N/A	
3225646010	SP-201-20220202C	SW846 8260C	N/A	
3225646011	SP-300-20220202C	SW846 8260C	N/A	
3225646012	SP-303-20220202C	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		EPA 522	EPA 522	
		SW846 8260C	N/A	
3225646013	SP-100-20220202D	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		SW846 8260C	N/A	
3225646014	SP-201-20220202D	SW846 8260C	N/A	
3225646015	SP-300-20220202D	SW846 8260C	N/A	
3225646016	SP-303-20220202D	SW846 6020B	SW846 3015	
		SW846 7470A	SW846 7470A	
		EPA 522	EPA 522	
		SW846 8260C	N/A	
3225646017	Trip Blank	SW846 8260C	N/A	

COC #: 3225646		Temp Taken By: Dur ~ Them ID: 570	WO Temp (°C	Sample Custody Seal Intact Y N MA Deviations? NO YES		Correct Containers Provided	Sample Label/COC Agree (Y) N	Adequate Sample Volumes	шg	SIGY (082 Dater	Sample(s) for Radiation testing? Y N Rad Screen (uCi)	SDWA State of Origin?		PWS Contact: PWS Phone #:	SDWA Sample Type Key: D=Distribution E=Entry Point	K=Kaw P=Plant C=Check S=Special A=Annual Startup	Sample/COC Remarks					Contains Short Hold Testing YES NO	Internal Use: If less than 48 hours - notify lab upon receipt	B Chandard Lvi 1 CLP-like HSCA Standard Lvi 2		Standard Lvi 3 NJ RED NJ GW	Samala Diamat	Eduis Lab	Istom Special	
CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /	Container Type C Q AN Container Type C AN	1	40, 12 But	Preservative HLA HIVE 500 LAC		ANALYSES/METHOD REQUESTED		(N 237 N 237 N 297 N 20 C C C C C C C C C C C C C C C C C C C	notton CS (7V. Q 0 885))	G or (Matrix 0	5	1 0		>			× 1	x, x, v.	7				lame Received By / Company Name	2	-	6 Barel man	10	"Matrix - A-Air, D-Drinking Water, GW-Groundwater, O-Oit, LW-Liquid Waste, S-Solid/Soli/Sluidee SW-Snitzee Water-Water. Water - Wa
301 Fulling Mill Rd, Suite A Middletown, PA 17057 P. 717-944-5541	ne: Earth To	Address: NWIRP Bell Puje, NY	Her Per		Contact: Frais Marine	757-466-4	Namel#: NUNTRO		TAT Normal-Standard TAT is 120% Poor CTD WE 17 1 TAT Normal-Standard TAT is 10-12 business days.	lo		ample Description/Location Date Collected Time A (as it will appear on the lab report) mm/dd/w hhrmm D	O'M upde & coloccoe-oords	K colocal-loc-ds	SP-300-202002A	8/11/ A folocof - 305-42 4	D-100-2020100	8 totoccoc. 10C.d	S concer - 02-5		Stolotest out as	10 SP-200 - respect	SAMPLED BY (Please Print, if MD include Sampler #): Comments:	Date: Time		all .	45 5 Perior Jeta		6	* G=Grab, C=Composite

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	Cooler Custody Seals Intact Sample Custody Seals Intact Received on Ice Coolers & Samples Intact Received on Ice Coolers & Samples Intact Coolers & Samples Intact Coortect Containers Provided Sample Label/COC Agree Adequate Sample Volumes VOA only: Headspace Present N A VOA only: Trip Blank N 4 days N 4 days N 5 d days Counter/Tracking #: 275 S CT Lou Kr 27 Counter/Tracking #: 275 S CT	Sample(s) for Radiation testing? Y N Reportable SDWA Sample(s)? Y N SDWA State of Origin? Y N PWSID # PWS Contact: PWS Phon PWS Contact: PWS Phon Remaple Type Key: D=Distributio ReRaw P=Plant C=Check S=Specia Sample/COC Remar	Contains Short Hold Testing YES NO Internal Use: If less than 48 hours - notify lab upon receipt Internal Use: If less than 48 hours - notify lab upon receipt Standard Lvi 1 CLP-like HSCA NO Standard Lvi 2 ZDDD Landfill Collected in State Samples Standard Lvi 4 NJ Full NJ GW State Samples N/ Standard Lvi 4 NJ Full Collected in Collected in N/ Standard Lvi 4 NJ Full NI GW State Samples N/ Custom Secial Lab N/ N/ N/ Custom Special Lab N/ N/ N/
LL SHADED A SAMP C P HOM DS'L	Пересолание НСС Настоание НСС НОС 2000 (С.) НАС АМАЦУЗЕЗМЕТНОВ КЕОЦЕЗТЕВ ПОПОВ 2000 (С.) ВОСС АМАЦУЗЕЗМЕТНОВ КЕОЦЕЗТЕВ ВОСС АМАЦУЗЕЗМЕТНОВ КЕОЦЕЗТЕВ		2 Received By / Company Name 2 Received By / Company Name 6 6 6 6 7 10 6 6 7 10 7 55HIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057
Address: Address: 301 Fulling Mill Rd, Suite A Middletown, PA 17057 P. 717-944-5541 702 88880 1 Address:	Contact: チー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	Sample Description/Location Date Collected Immediate 1 Set will appear on the lab report Date Collected Immediate 2 SF-302-2003001C Phylology Intermined 3 SF-100 2002001C Phylology Intermined 4 SF-30 200201C Phylology Intermined 5 SF-100 200201C Phylology Intermined 6 SF-30 200201L Intermined Intermined 7 Thur Billing Intermined Intermined Intermined 8 SF-30 200201L Intermined Intermined Intermined	10 SAMPLED BY (Please Print, if MD Include Sampler #): Date: Time Relinquished By / Company Name 2/3(2202) 14:50 3 727 75(5) 3 727 75(5) 9 *Grah, C=Composite **Matrix

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49 of 49

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC 2425 New Holland Pike Lancaster, PA 17601 Tel: (717)656-2300

Laboratory Job ID: 410-71758-1

Client Project/Site: RE137 Treatment System, NWIRP Bethpage

For:

Tetra Tech, Inc. Foster Plaza VII 661 Anderson Drive Foster Plaza 7 Suite 200 Pittsburgh, Pennsylvania 15220

Attn: Karen Lyons

Darlene Bandy

Authorized for release by: 2/10/2022 12:14:00 PM Darlene Bandy, Project Mgmt. Assistant (717)725-7342 Darlene.Bandy@Eurofinset.com

Designee for

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Expert

Stephen Gordon, Senior Project Manager (412)525-0071 Stephen.Gordon@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

• QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.

• Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Darlene Bandy

Darlene Bandy Project Mgmt. Assistant 2/10/2022 12:14:00 PM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	8
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	14
Lab Chronicle	15
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	23

Definitions/Glossary

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Qualifiers

Qualifiers		3
GC/MS VOA		
Qualifier	Qualifier Description	4
D	The reported value is from a dilution.	
М	Manual integrated compound.	5
Glossary		6
Abbreviation	These commonly used abbreviations may or may not be present in this report.	U
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	

Glossary

Glussaly	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-71758-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative 410-71758-1

Receipt

The samples were received on 2/4/2022 9:59 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C

Receipt Exceptions

There was 1 HCl vial received with no label on it. - Client confirmed this is a Trip Blank.

SP-100-20220202A (410-71758-1), SP-201-20220202A (410-71758-2), SP-300-20220202A (410-71758-3), SP-303-20220202A (410-71758-4), SP-100-20220202B (410-71758-5), SP-201-20220202B (410-71758-6), SP-300-20220202B (410-71758-7), SP-303-20220202B (410-71758-8), SP-100-20220202C (410-71758-9), SP-201-20220202C (410-71758-10), SP-300-20220202C (410-71758-11), SP-303-20220202C (410-71758-12), SP-100-20220202D (410-71758-13), SP-201-20220202D (410-71758-14), SP-300-20220202D (410-71758-15), SP-303-20220202D (410-71758-16) and Trip Blank (410-71758-17)

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

,	,	1 0				
Client Sample ID:	SP-100-20220202A					Lab Sample ID: 410-71758-1
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method Prep Type
1,4-Dioxane	17 D	2.0	1.7	0.85	ug/L	5 8260C SIM 14D Total/NA
Client Sample ID:	SP-201-20220202A					Lab Sample ID: 410-71758-2
Analyte	Result Qualifier	LOQ	LOD		Unit	Dil Fac D Method Prep Type
1,4-Dioxane	5.6	0.40	0.34	0.17	ug/L	1 8260C SIM 14D Total/NA
Client Sample ID:	SP-300-20220202A					Lab Sample ID: 410-71758-3
No Detections.						
Client Sample ID:	SP-303-20220202A					Lab Sample ID: 410-71758-4
No Detections.						
Client Sample ID:	SP-100-20220202B					Lab Sample ID: 410-71758-5
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method Prep Type
1,4-Dioxane	18 D	2.0	1.7	0.85	ug/L	5 8260C SIM 14D Total/NA
Client Sample ID:	SP-201-20220202B					Lab Sample ID: 410-71758-6
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method Prep Type
1,4-Dioxane	6.2	0.40	0.34	0.17	ug/L	1 8260C SIM 14D Total/NA
Client Sample ID:	SP-300-20220202B					Lab Sample ID: 410-71758-7
No Detections.						
Client Sample ID:	SP-303-20220202B					Lab Sample ID: 410-71758-8
No Detections.						
Client Sample ID:	SP-100-20220202C					Lab Sample ID: 410-71758-9
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method Prep Type
1,4-Dioxane	18 D	2.0	1.7	0.85	ug/L	5 8260C SIM 14D Total/NA
Client Sample ID:	SP-201-20220202C					Lab Sample ID: 410-71758-10
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method Prep Type
1,4-Dioxane	1.9 M	0.40	0.34	0.17	ug/L	1 8260C SIM 14D Total/NA
Client Sample ID:	SP-300-20220202C					Lab Sample ID: 410-71758-11
No Detections.						
Client Sample ID:	SP-303-20220202C					Lab Sample ID: 410-71758-12
No Detections.						
Client Sample ID:	SP-100-20220202D					Lab Sample ID: 410-71758-13
Analyte	Result Qualifier	LOQ	LOD		Unit	Dil Fac D Method Prep Type
1,4-Dioxane	18 D	2.0	1.7	0.85	ug/L	5 8260C SIM 14D Total/NA

This Detection Summary does not include radiochemical test results.

Job ID: 410-71758-1

This Detection Summary does not include radiochemical test results.

Client: Tetra Tech, Inc.

Page 7 of 23

Eurofins Lancaster Laboratories Env, LLC

Client Sample	ID: SP-201-2	0220202D					Lab Sample ID: 41	0-71758-14
Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac D Method	Prep Type
1,4-Dioxane	4.5		0.40	0.34	0.17	ug/L	1 8260C SIM 14	D Total/NA
Client Sample	ID: SP-300-2	0220202D)				Lab Sample ID: 41	0-71758-15
No Detections.								
Client Sample	ID: SP-303-2	0220202D					Lab Sample ID: 41	0-71758-16
No Detections.								
Client Sample	ID: Trip Blan	k					Lab Sample ID: 41	0-71758-17

Detection Summary

Job ID: 410-71758-1

Client Sample ID: SF	P-100-20220202A				Lab Sampl	e ID: 410-71	758
oate Collected: 02/02/22 oate Received: 02/04/22						Matrix	: Wat
	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	Ы	Unit D	Applyzed	Dil F
Analyte 1,4-Dioxane	$\frac{1100}{1100} \frac{1100}{1000}$	2.0	1.7	0.85		Analyzed 02/09/22 18:58	
					- -	A	
Surrogate Toluene-d8 (Surr)	<u> </u>	Limits 80 - 120			Prepared	Analyzed 02/09/22 18:58	Dil F
							750
lient Sample ID: SF ate Collected: 02/02/22 ate Received: 02/04/22	14:05				Lad Sampi	e ID: 410-71 Matrix	
Method: 8260C SIM 14I	D - Volatile Organic Compoun	ds (GC/MS)					
Analyte	Result Qualifier	LOQ	LOD		Unit D		Dil F
1,4-Dioxane	5.6	0.40	0.34	0.17	ug/L	02/09/22 17:36	
Surrogate	%Recovery Qualifier	Limits			Prepared	Analyzed	Dil I
Toluene-d8 (Surr)	84	80 - 120				02/09/22 17:36	
Analyte 1,4-Dioxane	D - Volatile Organic Compoun Result Qualifier <0.34	_ <u>LOQ</u> 0.40	LOD	DL 0.17	Unit D	Analyzed	Dil I
r,4-Dioxane	~ 0.34	0.40	0.34	0.17	ug/L	02/09/22 14.14	
-	%Recovery Qualifier	Limits			Prepared	Analyzed	Dill
_	%Recovery Qualifier 86	Limits 80 - 120			Prepared	Analyzed 02/09/22 14:14	Dil I
Toluene-d8 (Surr) Client Sample ID: SF ate Collected: 02/02/22 ate Received: 02/04/22	86 P-303-20220202A 2 14:15 09:59	80 - 120					758
Toluene-d8 (Surr) Lient Sample ID: SF ate Collected: 02/02/22 ate Received: 02/04/22 Method: 8260C SIM 14	86 P-303-20220202A 2 14:15 09:59 D - Volatile Organic Compoun	80 - 120 ds (GC/MS)	LOD		Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix	1 758 : Wat
Toluene-d8 (Surr) Client Sample ID: SF ate Collected: 02/02/22 ate Received: 02/04/22 Method: 8260C SIM 14 Analyte	86 P-303-20220202A 2 14:15 09:59	80 - 120	LOD	DL 0.17	Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix	1 758 : Wat
Toluene-d8 (Surr) Client Sample ID: SF Pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane	86 P-303-20220202A 14:15 09:59 D - Volatile Organic Compoun Result <0.34	80 - 120 ds (GC/MS) LOQ 0.40		DL	Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix Analyzed 02/09/22 14:34	1758 : Wat
Toluene-d8 (Surr) Client Sample ID: SF ate Collected: 02/02/22 ate Received: 02/04/22 Method: 8260C SIM 141 Analyte 1,4-Dioxane Surrogate	86 P-303-20220202A 2 14:15 09:59 D - Volatile Organic Compoun Result Qualifier	80 - 120 ds (GC/MS) LOQ		DL	Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix	1758 : Wat
Toluene-d8 (Surr) Client Sample ID: SF pate Collected: 02/02/22 pate Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF pate Collected: 02/02/22	86 P-303-20220202A 14:15 09:59 D - Volatile Organic Compoun Result Qualifier <0.34	80 - 120 ds (GC/MS) LOQ 0.40 Limits		DL 0.17	Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix Analyzed 02/09/22 14:34 Analyzed	Dil F Dil F
Toluene-d8 (Surr) Client Sample ID: SF pate Collected: 02/02/22 pate Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF pate Collected: 02/02/22 pate Received: 02/04/22	86 P-303-20220202A 14:15 09:59 D - Volatile Organic Compoun Result Qualifier <0.34	80 - 120 ds (GC/MS) LOQ 0.40 Limits 80 - 120		DL 0.17	Lab Sampl	O2/09/22 14:14 e ID: 410-71 Matrix O2/09/22 14:34 Analyzed O2/09/22 14:34 Analyzed O2/09/22 14:34 Analyzed O2/09/22 14:34 E ID: 410-71	Dil F Dil F
Pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 141 Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF Pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 141	86 P-303-20220202A 14:15 09:59 D - Volatile Organic Compoun Result Qualifier <0.34	80 - 120 ds (GC/MS) LOQ 0.40 Limits 80 - 120		DL 0.17	Lab Sampl	O2/09/22 14:14 e ID: 410-71 Matrix Analyzed 02/09/22 14:34 Analyzed 02/09/22 14:34 e ID: 410-71 Matrix	: Wat
Toluene-d8 (Surr) Client Sample ID: SF Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF Date Collected: 02/02/22 Date Received: 02/04/22	86 P-303-20220202A 2 14:15 09:59 D - Volatile Organic Compoun Result Qualifier <0.34	80 - 120 ds (GC/MS) LOQ 0.40 Limits 80 - 120 ds (GC/MS)	0.34	DL 0.17	Lab Sampl	O2/09/22 14:14 e ID: 410-71 Matrix Analyzed 02/09/22 14:34 Analyzed 02/09/22 14:34 Analyzed 02/09/22 14:34 E ID: 410-71 Matrix	Dil F Dil F Dil F Dil F Dil F
Toluene-d8 (Surr) Client Sample ID: SF Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte	86 P-303-20220202A 2 14:15 09:59 D - Volatile Organic Compoun Result <0.34	80 - 120 ds (GC/MS) LOQ 0.40 Limits 80 - 120 ds (GC/MS) LOQ	0.34	DL 0.17	Lab Sampl	02/09/22 14:14 e ID: 410-71 Matrix Analyzed 02/09/22 14:34 Analyzed 02/09/22 14:34 e ID: 410-71 Matrix	Dil F Dil F Dil I Dil I Dil I Dil I

Client: Tetra Tech, Inc.

Toluene-d8 (Surr)

Eurofins Lancaster Laboratories Env, LLC

02/09/22 19:18

80 - 120

Job ID: 410-71758-1

Client Sample ID: SI	P-201-20220202B				Lab Sam	ple	ID: 410-71	758-
Date Collected: 02/02/22 Date Received: 02/04/22	2 14:59						Matrix	
Method: 8260C SIM 14 Analyte	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	וח	Unit	D	Analyzed	Dil Fa
1,4-Dioxane	<u>6.2</u>	0.40	0.34	0.17			02/09/22 17:57	
Surrogate Toluene-d8 (Surr)	%Recovery Qualifier 84	Limits 80 - 120			Prepared	d	Analyzed 02/09/22 17:57	Dil F
Client Sample ID: SI	2-300-20220202B				Lah Sam	nle	D: 410-71	758
Date Collected: 02/02/22 Date Received: 02/04/22	15:05					pic	Matrix	
Method: 8260C SIM 14	D - Volatile Organic Compoun	ds (GC/MS)						
Analyte	Result Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil F
1,4-Dioxane	<0.34	0.40	0.34	0.17	ug/L		02/09/22 14:54	
Surrogate	%Recovery Qualifier	Limits			Prepared	d	Analyzed	Dil I
Toluene-d8 (Surr)	86	80 - 120			.		02/09/22 14:54	
lient Sample ID: SI	2 303 20220202B				Lab Sam	nlo	ID: 410-71	759
	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	DL	Unit	D	Analyzed	Dil I
Analyte			LOD 0.34	DL 0.17			Analyzed 02/09/22 15:15	Dil F
Analyte 1,4-Dioxane	Result Qualifier	LOQ						
Analyte	<pre> Result Qualifier <0.34</pre>	LOQ			ug/L		02/09/22 15:15	
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr)	Result Qualifier <0.34	LOQ		0.17	ug/L Prepared	d	02/09/22 15:15 Analyzed	Dil I
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22	Result Qualifier <0.34	LOQ		0.17	ug/L Prepared	d	02/09/22 15:15 Analyzed 02/09/22 15:15	Dil 758
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22	Result Qualifier <0.34	LOQ 0.40 Limits 80 - 120		0.17	ug/L Prepared	d	02/09/22 15:15 Analyzed 02/09/22 15:15 ID: 410-71	Dil 758
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 14 Analyte	Result Qualifier <0.34	LOQ 0.40 Limits 80 - 120 ds (GC/MS) LOQ	0.34	0.17	ug/L Prepared Lab Sam	d ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed	Dil 758 : Wa
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22	Result Qualifier <0.34	Limits 80 - 120	0.34	0.17	ug/L Prepared Lab Sam	d ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix	 758 : Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF Pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 14 Analyte 1,4-Dioxane Surrogate	Result Qualifier <0.34	Limits 80 - 120 ds (GC/MS) LOQ 2.0 Limits	0.34	0.17	ug/L Prepared Lab Sam	ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed	 758 : Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SF Pate Collected: 02/02/22 Pate Received: 02/04/22 Method: 8260C SIM 14 Analyte 1,4-Dioxane Surrogate	Result Qualifier <0.34	Limits 80 - 120 ds (GC/MS) LOQ 2.0	0.34	0.17	Unit ug/L Prepared Unit ug/L	ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38	 758 : Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22	Result Qualifier <0.34	Limits 80 - 120 ds (GC/MS) LOQ 2.0 Limits	0.34	0.17 DL 0.85	ug/L Prepared Lab Sam Unit ug/L Prepared	d ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed	 758 : Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22	Result Qualifier <0.34	LOQ 0.40 Limits 80 - 120 ds (GC/MS) LOQ 2.0 Limits 80 - 120	0.34	0.17 DL 0.85	ug/L Prepared Lab Sam Unit ug/L Prepared	d ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed 02/09/22 19:38 D: 410-717	Dil F 758 Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 14I Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22	Result Qualifier <0.34	LOQ 0.40 Limits 80 - 120 ds (GC/MS) LOQ 2.0 Limits 80 - 120	0.34	0.17 DL 0.85	ug/L Prepared Lab Sam Unit ug/L Prepared	d ple	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed 02/09/22 19:38 D: 410-717	: Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 141 Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 141	Result Qualifier <0.34	Limits 80 - 120 ds (GC/MS) Loq 2.0 Limits 80 - 120 ds (GC/MS)	0.34	0.17 DL 0.85	Unit Unit Unit Unit Unit Unit	d ple d ble l	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed 02/09/22 19:38 D: 410-717 Matrix	 758 : Wat 758-' : Wat
Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 141 Analyte 1,4-Dioxane Surrogate Toluene-d8 (Surr) Client Sample ID: SP Date Collected: 02/02/22 Date Received: 02/02/22 Date Received: 02/04/22 Method: 8260C SIM 141 Analyte	Result Qualifier <0.34	Limits 80 - 120 ds (GC/MS) LOQ 2.0 Limits 80 - 120 ds (GC/MS) LOQ	0.34 LOD 1.7	0.17 DL 0.85	Unit Unit Unit Unit Unit Unit	d ple d ble l	02/09/22 15:15 Analyzed 02/09/22 15:15 D: 410-71 Matrix Analyzed 02/09/22 19:38 Analyzed 02/09/22 19:38 D: 410-717 Matrix Analyzed	 758 : Wat 758-' : Wat

Client: Tetra Tech, Inc.

Toluene-d8 (Surr)

02/09/22 15:35

80 - 120

Job ID: 410-71758-1

Client: Tetra Tech, Inc. Project/Site: RE137 Treat	ment System, NWIRP Bethpage	e				Job ID: 410-7	1750-1
Client Sample ID: SP Date Collected: 02/02/22	Lab Sample ID: 410-71758-11 Matrix: Water						
Date Received: 02/04/22							
Analyte	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	DL Unit	D	Analyzed	Dil Fa
1,4-Dioxane	<0.34 dualitier	0.40	0.34	0.17 ug/L		02/09/22 15:55	
Surrogate	%Recovery Qualifier	Limits		Prep	ared	Analyzed	Dil Fa
Toluene-d8 (Surr)	85	80 - 120				02/09/22 15:55	
Client Sample ID: SI	P-303-20220202C			Lab Sar	nple	ID: 410-717	758-12
Date Collected: 02/02/22 Date Received: 02/04/22	2 16:04					Matrix	
_							
Method: 8260C SIM 14 Analyte	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	DL Unit	D	Analyzed	Dil Fa
1,4-Dioxane	<0.34	0.40	0.34	0.17 ug/L		02/09/22 16:16	Dirru
Surrogate	%Recovery Qualifier	Limits		Prep	arod	Analyzed	Dil Fa
Toluene-d8 (Surr)	<u></u>	80 - 120			areu	02/09/22 16:16	Dirta
						ID 440 747	150 44
Client Sample ID: SI				Lab Sar	mpie	ID: 410-717	
Date Collected: 02/02/22 Date Received: 02/04/22						Matrix	: wate
	09.59						
	D - Volatile Organic Compoun	ds (GC/MS)					
Analyte	Result Qualifier	LOQ		DL Unit	D	Analyzed	Dil Fa
1,4-Dioxane	18 D	2.0	1.7	0.85 ug/L		02/09/22 19:58	
Surrogate	%Recovery Qualifier	Limits		Prepared		Analyzed	Dil Fa
Toluene-d8 (Surr)	83	80 - 120				02/09/22 19:58	
Client Sample ID: SI	P-201-20220202D			Lab Sar	mple	ID: 410-717	758-14
Date Collected: 02/02/22	2 16:18				· ·	Matrix	: Wate
Date Received: 02/04/22	09:59						
_ Method: 8260C SIM 14	D - Volatile Organic Compoun	ds (GC/MS)					
Analyte	Result Qualifier	LOQ	LOD	DL Unit	D	Analyzed	Dil Fa
1,4-Dioxane	4.5	0.40	0.34	0.17 ug/L		02/09/22 18:17	
Surrogate	%Recovery Qualifier	Limits		Prep	ared	Analyzed	Dil Fa
Toluene-d8 (Surr)	<u></u> <u></u> <u></u> <u></u> <u></u>	80 - 120				02/09/22 18:17	
- Client Semple ID: SI	2 300 202202020			Lob Sou	mpla		750 41
Client Sample ID: SI Date Collected: 02/02/22				Lay Jai	inhie	ID: 410-717 Matrix	
Date Received: 02/02/22						wau IX	. wate
_							
	D - Volatile Organic Compoun Result Qualifier	ds (GC/MS) LOQ	LOD	DL Unit	D	Analyzod	Dil Fa
Analyte 1,4-Dioxane		0.40	0.34	0.17 Unit 0.17 ug/L		Analyzed 02/09/22 16:36	DIIFa
.,	0.01	0.10	0.01	0 ug, L		,,,,,,	
Surrogate Toluene-d8 (Surr)	%Recovery Qualifier	Limits 80 - 120		Prep	ared	Analyzed	Dil Fa

Client: Tetra Tech, Inc.

Job ID: 410-71758-1

Eurofins Lancaster Laboratories Env, LLC

Date Received: 02/02/22 09:59						Matrix: Water					
Method: 8260C SIM 14	D - Volatile Organio	c Compoun	ds (GC/MS)								
Analyte	<pre> Result Qualifier </pre> <pre> </pre>		LOQ	LOD 0.34	DL 0.17	Unit	<u> </u>	Analyzed 02/09/22 16:56	Dil Fac		
1,4-Dioxane						ug/L					
Surrogate	%Recovery	Qualifier	Limits			Prep	ared	Analyzed	Dil Fac		
Toluene-d8 (Surr)	85		80 - 120					02/09/22 16:56	1		
Date Collected: 02/02/22 Date Received: 02/04/22								Matrix	Water		
Method: 8260C SIM 14	D - Volatile Organio	c Compoun	ds (GC/MS)								
Analyte	Res	ult Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac		
1,4-Dioxane	<0	<0.34		0.34	0.17	ug/L		02/09/22 13:54	1		
Surrogate	%Recovery	%Recovery Qualifier				Prep	ared	Analyzed	Dil Fac		
Toluene-d8 (Surr)	85		80 - 120					02/09/22 13:54	1		

Client: Tetra Tech, Inc.

Project/Site: RE137 Treatment System, NWIRP Bethpage

Client Sample ID: SP-303-20220202D

Job ID: 410-71758-1

Lab Sample ID: 410-71758-16

Eurofins Lancaster Laboratories Env, LLC

6 3

Surrogate Summary

Prep Type: Total/NA

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Method: 8260C SIM 14D - Volatile Organic Compounds (GC/MS) Matrix: Water

			Percent Surrogate Recovery (Acceptance Limits)	
		TOL		
Lab Sample ID	Client Sample ID	(80-120)		
410-71758-1	SP-100-20220202A	83		- 7
410-71758-2	SP-201-20220202A	84		
410-71758-3	SP-300-20220202A	86		
410-71758-4	SP-303-20220202A	86		
410-71758-5	SP-100-20220202B	84		
410-71758-6	SP-201-20220202B	84		
410-71758-7	SP-300-20220202B	86		
410-71758-8	SP-303-20220202B	85		
410-71758-9	SP-100-20220202C	83		
410-71758-10	SP-201-20220202C	85		
410-71758-11	SP-300-20220202C	85		
410-71758-12	SP-303-20220202C	85		
410-71758-13	SP-100-20220202D	83		
410-71758-14	SP-201-20220202D	83		
410-71758-15	SP-300-20220202D	84		
410-71758-16	SP-303-20220202D	85		- 7
410-71758-17	Trip Blank	85		
LCS 410-222217/4	Lab Control Sample	87		
LCSD 410-222217/5	Lab Control Sample Dup	86		
MB 410-222217/7	Method Blank	88		
Surrogata Lagand				
Surrogate Legend TOL = Toluene-d8 (Surr	<u>`</u>			

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Job ID: 410-71758-1

Method: 8260C SIM 14D - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-2	22217/7								Clie	ent Sar	nple ID: N	lethod	Blank
Matrix: Water											Prep Ty		
Analysis Batch: 222217												•	
-		Μ	IB MB										
Analyte		Resu	ult Qualifi	ier	L	OQ	LOD	DL	Unit		D Analy	zed	Dil Fac
1,4-Dioxane		<0.3	34		C	0.40	0.34	0.17	ug/L		02/09/22	2 11:12	1
		MВ	МВ										
Surrogate	%Reco	very	Qualifier	Liı	mits				Р	repared	Analy	zed	Dil Fac
Toluene-d8 (Surr)		88		80	- 120	-					02/09/22	2 11:12	1
Lab Sample ID: LCS 410-2	222217/4							Clie	nt Sai	mnle II	D: Lab Co	ntrol S	amnle
Matrix: Water								ono			Prep Ty		
Analysis Batch: 222217												po: : o	
				Spike		LCS	LCS				%Rec.		
Analyte				Added		Result	Qualifier	Unit	D	%Rec	Limits		
1,4-Dioxane				4.98		5.52	М	ug/L		111	59 - 139		
	LCS	LCS											
Surrogate	%Recovery	Qua	lifier	Limits									
Toluene-d8 (Surr)	87			80 - 120)								
Leh Comula ID: LCCD 440	000047/5							Nient Ce		ID: La	h Control	Comm	Dun
Lab Sample ID: LCSD 410 Matrix: Water	-222217/5						· · · ·	Jient Sa	imple	ID: La	b Control Prep Ty		
											Prep ly	pe. 10	lal/NA
Analysis Batch: 222217				Spike		LCSD	LCSD				%Rec.		RPD
Analyte				Added			Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane				4.98		4.79		ug/L		96	59 - 139	14	20
	LCSD	LCS	D										
Surrogate	%Recovery			Limits									
Toluene-d8 (Surr)	86			80 - 120)								

Eurofins Lancaster Laboratories Env, LLC

QC Association Summary

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

GC/MS VOA

Analysis Batch: 222217

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
410-71758-1	SP-100-20220202A	Total/NA	Water	8260C SIM 14D	
410-71758-2	SP-201-20220202A	Total/NA	Water	8260C SIM 14D	
410-71758-3	SP-300-20220202A	Total/NA	Water	8260C SIM 14D	
410-71758-4	SP-303-20220202A	Total/NA	Water	8260C SIM 14D	
410-71758-5	SP-100-20220202B	Total/NA	Water	8260C SIM 14D	
410-71758-6	SP-201-20220202B	Total/NA	Water	8260C SIM 14D	
410-71758-7	SP-300-20220202B	Total/NA	Water	8260C SIM 14D	
410-71758-8	SP-303-20220202B	Total/NA	Water	8260C SIM 14D	
410-71758-9	SP-100-20220202C	Total/NA	Water	8260C SIM 14D	
410-71758-10	SP-201-20220202C	Total/NA	Water	8260C SIM 14D	
410-71758-11	SP-300-20220202C	Total/NA	Water	8260C SIM 14D	
410-71758-12	SP-303-20220202C	Total/NA	Water	8260C SIM 14D	
410-71758-13	SP-100-20220202D	Total/NA	Water	8260C SIM 14D	
410-71758-14	SP-201-20220202D	Total/NA	Water	8260C SIM 14D	
410-71758-15	SP-300-20220202D	Total/NA	Water	8260C SIM 14D	
410-71758-16	SP-303-20220202D	Total/NA	Water	8260C SIM 14D	
410-71758-17	Trip Blank	Total/NA	Water	8260C SIM 14D	
MB 410-222217/7	Method Blank	Total/NA	Water	8260C SIM 14D	
LCS 410-222217/4	Lab Control Sample	Total/NA	Water	8260C SIM 14D	
LCSD 410-222217/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM 14D	

Job ID: 410-71758-1

Nie wet. Tetwe Te	مام ا		L	.ab Chro	onicie			امه	
Client: Tetra Te Project/Site: RE		ent System, NWIR	P Bethpa	age				JOD	ID: 410-71758-1
Client Samp		100-20220202A 4:00	4				Lab S	Sample ID:	410-71758-1 Matrix: Water
Date Received									
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		$-\frac{10001}{5}$	222217	02/09/22 18:58	USEJ		
- Client Somr		201-20220202A					Lab	Sample ID:	410 71759 2
Date Collected			•					bample ID.	410-71758-2 Matrix: Water
Date Received									Watrix. Water
_									
Due a True e	Batch	Batch Mathad	Dura	Dilution	Batch	Prepared	A a h 4	Lab	
Prep Type Total/NA	Type	_ Method 8260C SIM 14D	Run	Factor	Number 222217	or Analyzed 02/09/22 17:36	Analyst USEJ	– Lab ELLE	
_	Analysis			I	222211	02103122 11:30			
		300-20220202 <i>A</i>	4				Lab S	Sample ID:	410-71758-3
Date Collected									Matrix: Water
Date Received	: 02/04/22 0	9:59							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 14:14	USEJ	ELLE	
		303-20220202A	4				Lab S	Sample ID:	410-71758-4
Date Collected	d: 02/02/22 1	4:15	4				Lab S	Sample ID:	410-71758-4 Matrix: Water
Date Collected Date Received	d: 02/02/22 1	4:15	A	Dilution	Batch	Prepared	Lab S	Sample ID:	
Date Collected Date Received Prep Type	d: 02/02/22 1 I: 02/04/22 09 Batch 	4:15 9:59 Batch Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Date Collected Date Received	1: 02/02/22 1 1: 02/04/22 09 Batch	4:15 9:59 Batch				•			
Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 09 Batch Type Analysis	4:15 9:59 Batch Method	Run	Factor	Number	or Analyzed	Analyst USEJ	Lab ELLE	
Date Collected Date Received Prep Type Total/NA Client Samp	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP-	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E	Run	Factor	Number	or Analyzed	Analyst USEJ	Lab ELLE	Matrix: Water
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1	4:15 9:59 Batch 8260C SIM 14D 100-20220202E 4:55	Run	Factor	Number	or Analyzed	Analyst USEJ	Lab ELLE	Matrix: Water 410-71758-5
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1	4:15 9:59 Batch 8260C SIM 14D 100-20220202E 4:55	Run	Factor	Number	or Analyzed 02/09/22 14:34	Analyst USEJ	Lab ELLE	Matrix: Water 410-71758-5
Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1 1: 02/04/22 0	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59	Run	Factor1	Number 222217	or Analyzed	Analyst USEJ	Lab ELLE	Matrix: Water 410-71758-5
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received	E: 02/02/22 1 : 02/04/22 0 Batch Type Analysis Die ID: SP- : 02/02/22 1 : 02/04/22 0 Batch	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch	<u>Run</u> 3	1	Number 222217 Batch	or Analyzed 02/09/22 14:34 Prepared	Analyst USEJ Lab S	ELLE	Matrix: Water 410-71758-5
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis	4:15 9:59 Batch 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D	Run 8 Run	Factor 1 Dilution Factor	Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ	- Lab ELLE Sample ID: - Lab ELLE	Matrix: Water 410-71758-5 Matrix: Water
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp	a: 02/02/22 1 b: 02/04/22 03 Batch Type Analysis 01 Die ID: SP-3 1: 02/02/22 1 1: 02/02/22 1 1: 02/04/22 03 Batch Type Analysis 01 Die ID: SP-3 02/04/22 03 03 02/04/32 03 03 03 04 10 10 04 ID: SP-3	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D 201-20220202E	Run 8 Run	Factor 1 Dilution Factor	Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ	- Lab ELLE Sample ID: - Lab ELLE	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 DIE ID: SP-1 1: 02/02/22 1	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D 201-20220202E 4:59	Run 8 Run	Factor 1 Dilution Factor	Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ	- Lab ELLE Sample ID: - Lab ELLE	Matrix: Water 410-71758-5 Matrix: Water
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 DIE ID: SP-1 1: 02/02/22 1	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D 201-20220202E 4:59 9:59	Run 8 Run	 Dilution 5	Number 222217 Batch Number 222217	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18	Analyst USEJ Lab S Analyst USEJ	- Lab ELLE Sample ID: - Lab ELLE	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received	a: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/02/22 1	4:15 9:59 Batch Method 2260C SIM 14D 100-20220202E 4:55 9:59 Batch 201-20220202E 4:59 9:59 Batch	Run Run 8	Factor 1 Dilution Factor 5 Dilution	Number 222217 Batch Number 222217 Batch	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared	Analyst USEJ Lab S Analyst USEJ Lab S	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP-1 1: 02/04/22 0 Batch Type Analysis Die ID: SP-1 1: 02/04/22 0 Batch Type Analysis Die ID: SP-1 1: 02/04/22 0 Batch Type Analysis Die ID: SP-1 1: 02/02/22 1 1: 02/04/22 0 Batch Type Batch Type Batch Type	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D 201-20220202E 4:59 9:59 Batch Method	Run 8 Run	Factor 1 Dilution Factor 5 Dilution Factor 5	Number 222217 Batch Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S	Lab ELLE Sample ID: ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received	a: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/04/22 0 Batch Type Analysis Die ID: SP-1 b: 02/02/22 1	4:15 9:59 Batch Method 2260C SIM 14D 100-20220202E 4:55 9:59 Batch 201-20220202E 4:59 9:59 Batch	Run Run 8	Factor 1 Dilution Factor 5 Dilution	Number 222217 Batch Number 222217 Batch	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/04/22 0 Batch Type Analysis DIE ID: SP-1 1: 02/02/22 1 1: 02/02/22 1 1: 02/02/22 1 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis	4:15 9:59 Batch Method 8260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 8260C SIM 14D 201-20220202E 4:59 9:59 Batch Method	Run Run Run	Factor 1 Dilution Factor 5 Dilution Factor 5	Number 222217 Batch Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S Analyst USEJ	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- Analysis Die ID: SP- Die ID: SP-	4:15 9:59 Batch Method 2260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 201-20220202E 4:59 9:59 Batch Method 201-20220202E 3:59 Batch Method 200-SIM 14D	Run Run Run	Factor 1 Dilution Factor 5 Dilution Factor 5	Number 222217 Batch Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S Analyst USEJ	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6 Matrix: Water
Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- Die ID: SP- 1: 02/02/22 1	4:15 9:59 Batch Method 260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 201-20220202E 4:59 9:59 Batch Method 201-20220202E 3:59 9:59	Run Run Run	Factor 1 Dilution Factor 5 Dilution Factor 5	Number 222217 Batch Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S Analyst USEJ	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6 Matrix: Water 410-71758-7
Date Collected Date Received Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	a: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis 0 b: 02/02/22 1 b: 02/02/22 1 b: 02/02/22 1 b: 02/04/22 0 Batch Type Analysis 0 b: 02/02/22 1 b: 02/02/22 1	4:15 9:59 Batch Method 260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 201-20220202E 4:59 9:59 Batch Method 201-20220202E 5:05 9:59	Run Run Run	Factor 1 Dilution Factor 5 Dilution Factor 1	Number 222217 Batch Number 222217 Batch Number 222217	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed 02/09/22 17:57	Analyst USEJ Lab S Analyst USEJ Lab S Analyst USEJ	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6 Matrix: Water 410-71758-7
Date Collected Date Received Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected Date Received Prep Type Total/NA Client Samp Date Collected	1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/02/22 1 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- 1: 02/04/22 0 Batch Type Analysis Die ID: SP- Die ID: SP- 1: 02/02/22 1	4:15 9:59 Batch Method 260C SIM 14D 100-20220202E 4:55 9:59 Batch Method 201-20220202E 4:59 9:59 Batch Method 201-20220202E 3:59 9:59	Run Run Run	Factor 1 Dilution Factor 5 Dilution Factor 5	Number 222217 Batch Number 222217 Batch Number	or Analyzed 02/09/22 14:34 Prepared or Analyzed 02/09/22 19:18 Prepared or Analyzed	Analyst USEJ Lab S Analyst USEJ Lab S Analyst USEJ	Lab ELLE Sample ID: Lab ELLE Sample ID:	Matrix: Water 410-71758-5 Matrix: Water 410-71758-6 Matrix: Water 410-71758-7

Lab Chronicle

					Juicie				
Client: Tetra Te Project/Site: Rl		ent System, NWIRI	Bethp	age				Jo	b ID: 410-71758-
•		303-20220202E	•	0			Lahs	Samnlo II): 410-71758 -
Date Collecte	d: 02/02/22 1	5:10					Lub		Matrix: Wate
Date Received	a: 02/04/22 0	9:59							
_	Batch	Batch	_	Dilution	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst		-
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 15:15	USEJ	ELLE	
Client Samp	ole ID: SP-	100-202202020	•				Lab S	Sample IE): 410-71758-
Date Collecter									Matrix: Wate
Date Received	d: 02/04/22 0	9:59							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		5	222217	02/09/22 19:38	USEJ	ELLE	-
Client Sam	ole ID [.] SP.	201-202202020					Lah Sa	ample ID [.]	410-71758-1
Date Collecter			•						Matrix: Wate
Date Received									
-	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 15:35			
_						02/00/22 10:00			
		300-202202020	;				Lab Sa	ample ID:	410-71758-1
Date Collecte									Matrix: Wate
Date Received	1: 02/04/22 0	9:59							
	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	-
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 15:55	USEJ	ELLE	
Client Sam	ole ID: SP-	303-202202020	;				Lab Sa	ample ID:	410-71758-1
Date Collecte									Matrix: Wate
Date Received	d: 02/04/22 0	9:59							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 16:16		ELLE	-
- Cliont Same		100-202202020					Lah S		410-71758-1
Date Collecter									Matrix: Wate
Date Received									
- -	Batch	Batch	-	Dilution	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst		-
Total/NA	Analysis	8260C SIM 14D		5	222217	02/09/22 19:58	USEJ	ELLE	
Client Samp	ole ID: SP-	201-202202020)	-			Lab Sa	ample ID:	410-71758-1
Date Collecte								-	Matrix: Wate
Date Received	d: 02/04/22 0	9:59							
_	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		$-\frac{1000}{1}$	222217				-
						5_, 55, 22 10.11	2320		

Lab Chronicle

liont Samr		300-202202020	<u> </u>				l ah Sa		410-71758-15
Date Collected	d: 02/02/22 1	6:20	,				Lau Ja	Illhie ID.	Matrix: Water
Date Received	: 02/04/22 0	9:59							
-	Batch	Batch		Dilution	Batch	Prepared			
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8260C SIM 14D		1	222217	02/09/22 16:36	USEJ	ELLE	
Client Samp	le ID: SP-	303-202202020)				Lab Sa	mple ID:	410-71758-16
									Matrix: Water
Date Collected	1: UZ/UZ/ZZ 1	0.22							
Date Collected									
				Dilution	Batch	Prepared			
	1: 02/04/22 0	9:59	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab	
Date Received	Batch	9:59 Batch	Run			•	Analyst USEJ	Lab	
Prep Type Total/NA	Batch Type Analysis	9:59 Batch Method 8260C SIM 14D	Run	Factor	Number	or Analyzed	USEJ	ELLE	410-71758-17
Prep Type Total/NA Client Samp	Batch Type Analysis	9:59 Batch Method 8260C SIM 14D Blank	Run	Factor	Number	or Analyzed	USEJ	ELLE	410-71758-17 Matrix: Water
Prep Type Total/NA	E 02/04/22 0 Batch Type Analysis Die ID: Trip 1: 02/02/22 0	9:59 Batch Method 8260C SIM 14D Blank 0:00	Run	Factor	Number	or Analyzed	USEJ	ELLE	
Prep Type Total/NA Client Samp	E 02/04/22 0 Batch Type Analysis Die ID: Trip 1: 02/02/22 0	9:59 Batch Method 8260C SIM 14D Blank 0:00	Run	Factor	Number	or Analyzed	USEJ	ELLE	
Prep Type Total/NA Client Samp	Batch Type Analysis DIE ID: Trip 1: 02/02/22 0 1: 02/04/22 0	9:59 Batch Method 8260C SIM 14D Blank 0:00 9:59	Run	1	Number 222217	or Analyzed 02/09/22 16:56	USEJ	ELLE	

2/10/2022

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Laboratory: Eurofins Lancaster Laboratories Env, LLC

The accreditations/certifications listed below are applicable to this report.

Authority A2LA		Program Dept. of Defense ELAP	Identification Number 1.01	_ <u>Expiration Date</u>
New York		NELAP	10670	04-01-22
The following analyte the agency does not		port, but the laboratory is not	certified by the governing authority.	This list may include analytes for whic
Analysis Method	Prep Method	Matrix	Analvte	

1,4-Dioxane

Water

8260C SIM 14D

Job ID: 410-71758-1

Method Summary

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Method	Method Description	Protocol	Laboratory
8260C SIM 14D	Volatile Organic Compounds (GC/MS)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Tetra Tech, Inc. Project/Site: RE137 Treatment System, NWIRP Bethpage

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-71758-1	SP-100-20220202A	Water	02/02/22 14:00	02/04/22 09:59
410-71758-2	SP-201-20220202A	Water	02/02/22 14:05	02/04/22 09:59
410-71758-3	SP-300-20220202A	Water	02/02/22 14:10	02/04/22 09:59
410-71758-4	SP-303-20220202A	Water	02/02/22 14:15	02/04/22 09:59
410-71758-5	SP-100-20220202B	Water	02/02/22 14:55	02/04/22 09:59
10-71758-6	SP-201-20220202B	Water	02/02/22 14:59	02/04/22 09:59
110-71758-7	SP-300-20220202B	Water	02/02/22 15:05	02/04/22 09:59
410-71758-8	SP-303-20220202B	Water	02/02/22 15:10	02/04/22 09:59
10-71758-9	SP-100-20220202C	Water	02/02/22 15:52	02/04/22 09:59
10-71758-10	SP-201-20220202C	Water	02/02/22 15:55	02/04/22 09:59
10-71758-11	SP-300-20220202C	Water	02/02/22 16:00	02/04/22 09:59
10-71758-12	SP-303-20220202C	Water	02/02/22 16:04	02/04/22 09:59
110-71758-13	SP-100-20220202D	Water	02/02/22 16:15	02/04/22 09:59
10-71758-14	SP-201-20220202D	Water	02/02/22 16:18	02/04/22 09:59
10-71758-15	SP-300-20220202D	Water	02/02/22 16:20	02/04/22 09:59
10-71758-16	SP-303-20220202D	Water	02/02/22 16:22	02/04/22 09:59
10-71758-17	Trip Blank	Water	02/02/22 00:00	02/04/22 09:59

Eurofins Lancaster Laboratories Env, LLC 2/10/2022

Lancaster, PA 17601 Phone 717-656-2300 Fax 717-656-2681		unain or uustoay kecora		tody Ke	cord			America
Client Information	Sample al tob	Jeburr	5	Gordo	I. Stephen J	410-71758 Chain of Custody	0C No 10-48	OC No 10-48483-13509 1
Client Contact Flizabeth Henroes Ervie Wu	Phone 904-S	×	0369	E-Mail Stephe	n Gordon@eu	E-Mail Stephen Gordon@eurofinset.com	Page Page	1 of 2
Company Tetra Tech, Inc.			PWSID:			is Requested		10D #
Address 60 400 400 400 400 400 400 400 400 400	0 Due Date Requested:	ed:			-		Prese	ö
	TAT Requested (days):	: ske			12			B - NaOH N - Nane B - NaOH N - Nane C - Zn Acatala D - Acatala
State. Zp. 15-2-2	19	3						
	Compliance Project:	A Yes	N	T	WIS		F. Me	
21-8893(Tel)		t		10	1		G - An H - As	2
Email Constant Constant Constant Constant PC Constant PC Constant	CTO MILLER	WE1	M	Naci	ION		100 A	
Project Name	Project #				140		K - EDTA	
SUC	SSOW#				-		Others	
101-1					JSW			
			Sample Type	Matrix (weeker, Besold.	Elitered Smith Fillered			
Sample Identification	Sample Date	-	G=grab) a	-	Lind			Special Instructions/Note:
	X	X	Preservati	Preservation Code:	XA	A CONTRACT OF THE PARTY	X	
5 P-100-20202024	25 10/2	00:11	5	Water	×			
A totattat - 106 -92	tc/tk	so:hl	5	Water	×			
SP-300-2020101 A	20/2/2	01:11	U	Water	×			
A GOGOGOL . 205-72	edele	D:HI	5	Water	×			
Stola (tal - 001 - 22	Ec/c/c	14:52	V	Water	×			
8 tocotcot - loc - ds	c0/2/2	14:59	C	Water	×			
Stotottot - 002-15	tude	N:R	0	Water	×			
SF. 303 - Jess 670 B	1	12:10	5	Water	×			
2 totoclac - 001.ds		5:27	0	Water	x			
D Parotrac - 102-25		55:51	0	Water	x			
5P-300-2002020		16:00	S	Water	×			
Rossible Hazard Identification	Poison B Dinknown		Radiological	Ĩ	Sample Disp	Sample Disposal (A fee may be ass essed if samples are retained longer than 1 month) Return To Client Mon	samples are retained ion	ger than 1 month) r Months
V, Other (specify)			R. C.		Special Instr	Requirem		
Empty Kit Relinquished by:		Date:		E	Time:	Method	Method of Shipment:	
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Custodii Coole Intont Drustodii Cool No	-				Conlar Tan	Cooler Temperati restet "C and Other Demoster	K I T	

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Phone 717-656-2300 Fax 717-656-2681							
Client Information	Sampler Paul Jebur	Chromid	Lab PM Gordon, Stephen J	tephen J	Camer Tracking No(s)	COC No 410-48483-13509	12
Client Contact Ernie Was	1-50	1-0869	E-Mail Stephen G	E-Mail Stephen Gordon@eurofinset com	State of Ongin	Page Page 2 of 3	
Company Tetra Tech, Inc		DISMA	-	Analysis Requested	juested	100 #	
Boulevers Surgraph 661	Ander Due Date Requested:						15
(TAT Requested (days):	3	-			A - HCL B - NaOH C - Zn Acetate D - Ninc Acet	M - Hexane N - None O - AsNaO2 P - Na2O45
PA, HELLS / 5320	1	No		WI			0 - Na2503
Phone 412-921-8000000 3000	PO#		(4	S DOB			S - H2SO4 T - TSP Dodecahydra
In Home Contraction Ernie, Wultertory	CTOMPTER UE	13	DI JOI	28 ans:		I - Ice J - Di Water	U - Acetone V - MCAA
Project Name NVVIRP Celverten NY Co & Occo P	Project #					L-EDA	VV - PH 4-3 Z - other (specify)
Sie RE137	#MOSS		Idms2	-		of other.	
			Matrix (Ivenater, 1997)	GF1MIS"2092		redmuki isto	
Sample Identification		Preservation Code:	5	A			
) totollal - 303-92	70:31 cc/c/c	5	Water	*		-	
Q toloclar- 001-25	51:91	N I	Water	X			
a tototeor- loc-ds	81:91	>	Water	X			
Ttoeneroe- 002-25	08.91	v	Water	X			
O connecae. Eog-ds	20:31	v I	Water				
The Blank		N 1	Water	X			
Ľ .		>	Water				
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		>	Water				
Possible Hazard Identification		Interindential	<u>10</u>	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Behim To Cliant	assessed if samples a	The retained longer than 1	Month)
V, Other (specify)			ŝ	Requirem	nts.		
Empty Kit Relinquished by.	Date:		Time:		Method of Shipment		
Reinquished by	1 2000/2	4:30 Com	Company Company	Received by	Date/Time		Company
Reinquished by	Date/Time	Com	pany	Received by	Date/Time	2	Company
Reinquished by:	Date/Time	Com	Company	Received by A	When -d	Partine 1959	SUNS
Custody Seals Intact: Custody Seal No.				Cooler Temperature(s) C and Other Remarks			

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2/10/2022

Client: Tetra Tech, Inc.

Login Number: 71758 List Number: 1 Creator: McCaskey, Jonathan

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (=6C, not frozen).</td <td>True</td> <td></td>	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (=6C, not frozen).</td <td>N/A</td> <td></td>	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	

Job Number: 410-71758-1

List Source: Eurofins Lancaster Laboratories Env, LLC