285 Delaware Avenue, Suite 500
Buffalo, New York 14202
United States
www.ghd.com

Your ref: Site Code #442011
Our ref: 11209162

October 12, 2021

Ms. Ruth Curley
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Monthly Progress Report No. 344
Sterling Drug Site 3, East Greenbush, New York

Dear Ms. Curley:

On behalf of Eastman Kodak Company (Kodak), GHD has prepared this monthly progress report. As required under Section III of the Order on Consent (Order), Index #A4-0624-08-09, that was executed between NPEC Inc. (NPEC) and the New York State Departmental of Environmental Conservation (NYSDEC), a monthly progress report for Operable Unit 1 and Operable Unit 2 is to be submitted the NYSDEC by the tenth day of every month following the effective date of the Order. This letter represents the progress report for September 2021.

I. Description of Actions Taken Toward Achieving Compliance with the Order

– Performance of routine maintenance

II. Description of Sampling Performed, Identification of Data Packages Received and Status of Data Validation of Analytical Results

– Annual groundwater sampling conducted in July 2021 and receipt of the unvalidated data package were omitted from the August 2021 monthly progress report. The data was validated in September 2021. The analytical data report and data validation report are attached.

III. Identification of Deliverables Submitted During the Previous Month

– Submittal of the August 2021 Monthly Progress Report to the NYSDEC

IV. Description of Proposed Activities to be Performed During the Next Month

– Submittal of the Monthly Progress Report

V. Schedule Status

– Performance of routine site inspections and monitoring in accordance with the approved Site Management Plan

VI. Citizen Participation Plan Support Activities

– No Citizen Participation Plan support activities conducted during this reporting period

VII. Operable Unit 2 Progress Report

– No activities to report

This progress report presents the major activities associated with this project. Should you have any questions regarding this information, please feel free to contact Mr. Bryan Gallagher at 585 820 7827 or the undersigned at 716 362 8839.

Regards

Katherine B. Galanti
Project Manager

+1 716 362-8839
katherine.galanti@ghd.com

KBG/kf/21

Copy to: R. Ockerby – Bureau of Environmental Exposure Investigation, NYSDOH (via email only)
K. McCarthy – Office of General Counsel, NYSDEC (via email only)
C. O'Neill – NYSDEC Division of Environmental Remediation (via e-mail only)
B. Gallagher – Kodak (via e-mail only)

Technical Memorandum

24 September 2021

To	Kathy Galanti	**Tel**	716-205-1942
Copy to		**Email**	Kathleen.Willy@ghd.com
From	Kathy Willy/cs/2	**Ref. No.**	11209162
Subject	Analytical Results and Reduced Validation Biennial Groundwater Monitoring Eastman Kodak Company Sterling Site #3 East Greenbush, New York July 2021		

1. Introduction

This document details a validation of analytical results for groundwater samples collected in support of the Biennial Groundwater Monitoring at the Eastman Kodak Company Sterling Site #3 during July 2021. Samples were submitted to Eurofins TestAmerica Laboratory, located in Amherst, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Level 2 report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, and recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS) and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-2016-002, September 2016.

This item will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. The sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding time.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the exception of low concentrations of various SVOCs. Associated sample results with concentrations similar to that found the blanks were qualified as non-detect to reflect the potential laboratory contamination. A summary of qualified results is presented in Table 4.

4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC and SVOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. Some surrogate recoveries could not be assessed due to secondary dilution. All assessed surrogate recoveries were within the laboratory criteria.

5. Laboratory Control Sample Analyses

LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some high SVOC RPDs. All associated sample results were non-detect and would not have been impacted by the indicated variability.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

6.1 Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. SVOC recoveries and RPDs could not be assessed due to secondary dilution. All assessed percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

7. Field QA/QC Samples

The field QA/QC consisted of two trip blank samples and two field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. All results were non-detect for the compounds of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criteria is one times the RL value for water samples.

All field duplicate results met the above criteria, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Regards,

Kathy Willy

Kathy Willy
Digital Intelligence-Data Management-Chemist

Table 1

Sample Collection and Analysis Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

					Analysis/Parameters			
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**TCL VOCs, SSPs, TICs**	**TCL SVOCs, SSPs, TICs**	**1,4-Dioxane**	**Comments**
WG-11209162-070221-BP-001	MW-7B	Water	07/02/2021	09:00	X	X		
WG-11209162-070221-BP-002	MW-14B	Water	07/02/2021	10:30	X	X		
WG-11209162-070221-BP-003	MW-10B	Water	07/02/2021	12:00	X	X		
WG-11209162-070221-BP-004	MW-23B	Water	07/02/2021	13:30	X	X		
WG-11209162-070221-BP-005	MW-24B	Water	07/02/2021	14:30	X	X		
TRIP BLANK	-	Water	07/02/2021	-	X			Trip Blank
WG-11209162-070521-BP-006	MW-22BR	Water	07/05/2021	07:30	X	X		
WG-11209162-070521-BP-007	MW-17B	Water	07/05/2021	09:00	X	X		
SW-11209162-070521-BP-008	SW-1	Water	07/05/2021	13:10	X	X		
WG-11209162-070521-BP-009	MW-19B	Water	07/05/2021	11:45	X	X		
SW-11209162-070521-BP-010	SW-1	Water	07/05/2021	13:00	X	X		Field duplicate of sample SW-11209162-070521-BP-008
SW-11209162-070521-BP-011	SW-2	Water	07/05/2021	14:00	X	X		MS/MSD
TRIP BLANK	-	Water	07/02/2021	-	X			Trip Blank
WG-11209162-072121-BP-001	MW-7B	Water	07/21/2021	08:00			X	MS/MSD
WG-11209162-072121-BP-002	MW-14B	Water	07/21/2021	09:00			X	
WG-11209162-072121-BP-003	MW-10B	Water	07/21/2021	10:30			X	

Table 1

Sample Collection and Analysis Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: TCL VOCs, SSPs, TICs	Analysis/Parameters: TCL SVOCs, SSPs, TICs	Analysis/Parameters: 1,4-Dioxane	Comments
WG-11209162-072121-BP-004	MW-10B	Water	07/21/2021	10:45			X	Field duplicate of sample WG-11209162-072121-BP-003
WG-11209162-072121-BP-005	MW-23B	Water	07/21/2021	13:00			X	
WG-11209162-072121-BP-006	MW-24B	Water	07/21/2021	14:45			X	
WG-11209162-072221-BP-007	MW-17B	Water	07/21/2021	10:00			X	
WG-11209162-072221-BP-008	MW-19B	Water	07/21/2021	12:00			X	
WG-11209162-072221-BP-009	MW-22BR	Water	07/21/2021	13:45			X	

Notes:

TCL - Target Compound List
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
TICs - Tentatively Identified Compounds
SSPs - Site-specific parameters
"-" - Not applicable

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**MW-7B**	**MW-7B**	**MW-10B**
	Sample ID:	**WG-11209162-070221-BP-001**	**WG-11209162-072121-BP-001**	**WG-11209162-070221-BP-003**
	Sample Date:	**7/2/2021**	**7/21/2021**	**7/2/2021**
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1-Dichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
1,2-Dichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,2-Dichloropropane	µg/L	ND (5.0)	-	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	7.0 J	-	4.7 J
2-Hexanone	µg/L	ND (10)	-	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	ND (10)
Acetone	µg/L	3.1 J	-	ND (10)
Benzene	µg/L	ND (1.0)	-	ND (1.0)
Bromodichloromethane	µg/L	ND (5.0)	-	ND (5.0)
Bromoform	µg/L	ND (5.0)	-	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	-	ND (10)
Carbon disulfide	µg/L	ND (5.0)	-	ND (5.0)
Carbon tetrachloride	µg/L	ND (5.0)	-	ND (5.0)
Chlorobenzene	µg/L	ND (5.0)	-	ND (5.0)
Chloroethane	µg/L	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	-	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (5.0)
Dibromochloromethane	µg/L	ND (5.0)	-	ND (5.0)
Ethyl Ether	µg/L	ND (10)	-	ND (10)
Ethylbenzene	µg/L	ND (5.0)	-	ND (5.0)
m&p-Xylene	µg/L	ND (5.0)	-	ND (5.0)
Methylene chloride	µg/L	ND (5.0)	-	ND (5.0)
o-Xylene	µg/L	ND (5.0)	-	ND (5.0)
Styrene	µg/L	ND (5.0)	-	ND (5.0)
Tetrachloroethene	µg/L	ND (5.0)	-	ND (5.0)
Toluene	µg/L	ND (5.0)	-	ND (5.0)
trans-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (5.0)
Trichloroethene	µg/L	ND (5.0)	-	ND (5.0)
Vinyl chloride	µg/L	ND (10)	-	ND (10)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**MW-7B**	**MW-7B**	**MW-10B**
	Sample ID:	**WG-11209162-070221-BP-001**	**WG-11209162-072121-BP-001**	**WG-11209162-070221-BP-003**
	Sample Date:	**7/2/2021**	**7/21/2021**	**7/2/2021**
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	-
Squalene A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	ND (10)	-	ND (10)
1,2-Dichlorobenzene	µg/L	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	ND (10)	-	ND (10)
1,4-Dichlorobenzene	µg/L	ND (10)	-	ND (10)
1,4-Dioxane	µg/L	-	3.1	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.0)	-	ND (5.0)
2,4,5-Trichlorophenol	µg/L	ND (5.0)	-	ND (5.0)
2,4,6-Trichlorophenol	µg/L	ND (5.0)	-	ND (5.0)
2,4-Dichlorophenol	µg/L	ND (5.0)	-	ND (5.0)
2,4-Dimethylphenol	µg/L	ND (5.0)	-	ND (5.0)
2,4-Dinitrophenol	µg/L	ND (10)	-	ND (10)
2,4-Dinitrotoluene	µg/L	ND (5.0)	-	ND (5.0)
2,6-Dinitrotoluene	µg/L	ND (5.0)	-	ND (5.0)
2-Chloronaphthalene	µg/L	ND (5.0)	-	ND (5.0)
2-Chlorophenol	µg/L	ND (5.0)	-	ND (5.0)
2-Methylnaphthalene	µg/L	ND (5.0)	-	ND (5.0)
2-Methylphenol	µg/L	ND (5.0)	-	ND (5.0)
2-Nitroaniline	µg/L	ND (10)	-	ND (10)
2-Nitrophenol	µg/L	ND (5.0)	-	ND (5.0)
3,3'-Dichlorobenzidine	µg/L	ND (5.0)	-	ND (5.0)
3-Nitroaniline	µg/L	ND (10)	-	ND (10)
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	-	ND (10)
4-Bromophenyl phenyl ether	µg/L	ND (5.0)	-	ND (5.0)
4-Chloro-3-methylphenol	µg/L	ND (5.0)	-	ND (5.0)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-7B	MW-7B	MW-10B
	Sample ID:	WG-11209162-070221-BP-001	WG-11209162-072121-BP-001	WG-11209162-070221-BP-003
	Sample Date:	7/2/2021	7/21/2021	7/2/2021
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	ND (5.0)	-	ND (5.0)
4-Chlorophenyl phenyl ether	µg/L	ND (5.0)	-	ND (5.0)
4-Methylphenol	µg/L	ND (10)	-	ND (10)
4-Nitroaniline	µg/L	ND (10)	-	ND (10)
4-Nitrophenol	µg/L	ND (10)	-	ND (10)
Acenaphthene	µg/L	ND (5.0)	-	ND (5.0)
Acenaphthylene	µg/L	ND (5.0)	-	ND (5.0)
Anthracene	µg/L	ND (5.0)	-	ND (5.0)
Benzaldehyde	µg/L	ND (5.0)	-	ND (5.0)
Benzo(a)anthracene	µg/L	ND (5.0)	-	ND (5.0)
Benzo(a)pyrene	µg/L	ND (5.0)	-	ND (5.0)
Benzo(b)fluoranthene	µg/L	ND (5.0)	-	ND (5.0)
Benzo(g,h,i)perylene	µg/L	ND (5.0)	-	ND (5.0)
Benzo(k)fluoranthene	µg/L	ND (5.0)	-	ND (5.0)
bis(2-Chloroethoxy)methane	µg/L	ND (5.0)	-	ND (5.0)
bis(2-Chloroethyl)ether	µg/L	ND (5.0)	-	ND (5.0)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.0)	-	ND (5.0)
Butyl benzylphthalate	µg/L	ND (5.0)	-	ND (5.0)
Carbazole	µg/L	ND (5.0)	-	ND (5.0)
Chrysene	µg/L	ND (5.0)	-	ND (5.0)
Dibenz(a,h)anthracene	µg/L	ND (5.0)	-	ND (5.0)
Dibenzofuran	µg/L	ND (10)	-	ND (10)
Diethyl phthalate	µg/L	ND (5.0)	-	ND (5.0)
Dimethyl phthalate	µg/L	ND (5.0)	-	ND (5.0)
Di-n-butylphthalate	µg/L	ND (5.0)	-	ND (5.0)
Di-n-octyl phthalate	µg/L	ND (5.0)	-	ND (5.0)
Fluoranthene	µg/L	ND (5.0)	-	ND (5.0)
Fluorene	µg/L	ND (5.0)	-	ND (5.0)
Hexachlorobenzene	µg/L	ND (5.0)	-	ND (5.0)
Hexachlorobutadiene	µg/L	ND (5.0)	-	ND (5.0)
Hexachlorocyclopentadiene	µg/L	ND (5.0)	-	ND (5.0)
Hexachloroethane	µg/L	ND (5.0)	-	ND (5.0)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.0)	-	ND (5.0)
Isophorone	µg/L	ND (5.0)	-	ND (5.0)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-7B	MW-7B	MW-10B
	Sample ID:	WG-11209162-070221-BP-001	WG-11209162-072121-BP-001	WG-11209162-070221-BP-003
	Sample Date:	7/2/2021	7/21/2021	7/2/2021
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	ND (5.0)	-	ND (5.0)
Nitrobenzene	µg/L	ND (5.0)	-	ND (5.0)
N-Nitrosodi-n-propylamine	µg/L	ND (5.0)	-	ND (5.0)
N-Nitrosodiphenylamine	µg/L	ND (5.0)	-	ND (5.0)
Pentachlorophenol	µg/L	ND (10)	-	ND (10)
Phenanthrene	µg/L	ND (5.0)	-	ND (5.0)
Phenol	µg/L	ND (5.0)	-	ND (5.0)
Pyrene	µg/L	ND (5.0)	-	ND (5.0)
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	-
Benzene A	µg/L	-	-	-
Chloroiodomethane A	µg/L	9.7 TJN	-	2.4 TJN
Cyclobarbitol A	µg/L	-	-	-
Cyclohexane A	µg/L	-	-	-
Diisopropylamine A	µg/L	-	-	-
Epicoprostanol A	µg/L	-	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	7.7 TJN	-	-
Indane A	µg/L	-	-	-
Mephobarbital A	µg/L	21 TJN	-	-
N,N-Diisopropylformamide A	µg/L	2.5 TJN	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	-
Nonanoic acid A	µg/L	-	-	-
Phenobarbital A	µg/L	27 TJN	-	-
Talbutal A	µg/L	17 TJN	-	-
Tetralin A	µg/L	-	-	-
Triethylamine A	µg/L	-	-	-
Triphenyl phosphine oxide A	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-7B	MW-7B	MW-10B
	Sample ID:	WG-11209162-070221-BP-001	WG-11209162-072121-BP-001	WG-11209162-070221-BP-003
	Sample Date:	7/2/2021	7/21/2021	7/2/2021
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	1.8 TJ	-	2.1 TJ
Unknown 2	µg/L	1.9 TJ	-	2.1 TJ
Unknown 3	µg/L	230 TJ	-	180 TJ
Unknown 4	µg/L	7.7 TJ	-	2.3 TJ
Unknown 5	µg/L	4.3 TJ	-	1.8 TJ
Unknown 6	µg/L	3.2 TJ	-	1.7 TJ
Unknown 7	µg/L	2.0 TJ	-	1.7 TJ
Unknown 8	µg/L	1.7 TJ	-	1.6 TJ
Unknown 9	µg/L	11 TJ	-	24 TJ
Unknown 10	µg/L	3.9 TJ	-	2.1 TJ
Unknown 11	µg/L	2.0 TJ	-	-
Unknown 12	µg/L	24 TJ	-	-
Unknown 13	µg/L	2.3 TJ	-	-
Unknown 14	µg/L	1.6 TJ	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-10B	MW-10B	MW-14B
	Sample ID:	WG-11209162-072121-BP-003	WG-11209162-072121-BP-004	WG-11209162-070221-BP-002
	Sample Date:	7/21/2021	7/21/2021	7/2/2021
			Duplicate	
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	-	-	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	-	-	ND (5.0)
1,1,2-Trichloroethane	µg/L	-	-	ND (5.0)
1,1-Dichloroethane	µg/L	-	-	ND (5.0)
1,1-Dichloroethene	µg/L	-	-	ND (5.0)
1,2-Dichloroethane	µg/L	-	-	ND (5.0)
1,2-Dichloropropane	µg/L	-	-	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	-	-	3.6 J
2-Hexanone	µg/L	-	-	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	-	-	ND (10)
Acetone	µg/L	-	-	ND (10)
Benzene	µg/L	-	-	ND (1.0)
Bromodichloromethane	µg/L	-	-	ND (5.0)
Bromoform	µg/L	-	-	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	-	-	ND (10)
Carbon disulfide	µg/L	-	-	ND (5.0)
Carbon tetrachloride	µg/L	-	-	ND (5.0)
Chlorobenzene	µg/L	-	-	ND (5.0)
Chloroethane	µg/L	-	-	ND (10)
Chloroform (Trichloromethane)	µg/L	-	-	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	-	-	ND (10)
cis-1,2-Dichloroethene	µg/L	-	-	ND (5.0)
cis-1,3-Dichloropropene	µg/L	-	-	ND (5.0)
Dibromochloromethane	µg/L	-	-	ND (5.0)
Ethyl Ether	µg/L	-	-	ND (10)
Ethylbenzene	µg/L	-	-	ND (5.0)
m&p-Xylene	µg/L	-	-	ND (5.0)
Methylene chloride	µg/L	-	-	ND (5.0)
o-Xylene	µg/L	-	-	ND (5.0)
Styrene	µg/L	-	-	ND (5.0)
Tetrachloroethene	µg/L	-	-	ND (5.0)
Toluene	µg/L	-	-	ND (5.0)
trans-1,2-Dichloroethene	µg/L	-	-	ND (5.0)
trans-1,3-Dichloropropene	µg/L	-	-	ND (5.0)
Trichloroethene	µg/L	-	-	ND (5.0)
Vinyl chloride	µg/L	-	-	ND (10)

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-10B	MW-10B	MW-14B
	Sample ID:	WG-11209162-072121-BP-003	WG-11209162-072121-BP-004	WG-11209162-070221-BP-002
	Sample Date:	7/21/2021	7/21/2021	7/2/2021
			Duplicate	
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	99 TJN
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	78 TJN
Squalene A	µg/L	-	-	87 TJN
Unknown 1	µg/L	-	-	4.5 TJ
Unknown 2	µg/L	-	-	18 TJ
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	-	-	ND (10)
1,2-Dichlorobenzene	µg/L	-	-	ND (10)
1,3-Dichlorobenzene	µg/L	-	-	ND (10)
1,4-Dichlorobenzene	µg/L	-	-	ND (10)
1,4-Dioxane	µg/L	ND (0.67)	ND (0.67)	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	-	-	ND (5.0)
2,4,5-Trichlorophenol	µg/L	-	-	ND (5.0)
2,4,6-Trichlorophenol	µg/L	-	-	ND (5.0)
2,4-Dichlorophenol	µg/L	-	-	ND (5.0)
2,4-Dimethylphenol	µg/L	-	-	ND (5.0)
2,4-Dinitrophenol	µg/L	-	-	ND (10)
2,4-Dinitrotoluene	µg/L	-	-	ND (5.0)
2,6-Dinitrotoluene	µg/L	-	-	ND (5.0)
2-Chloronaphthalene	µg/L	-	-	ND (5.0)
2-Chlorophenol	µg/L	-	-	ND (5.0)
2-Methylnaphthalene	µg/L	-	-	ND (5.0)
2-Methylphenol	µg/L	-	-	ND (5.0)
2-Nitroaniline	µg/L	-	-	ND (10)
2-Nitrophenol	µg/L	-	-	ND (5.0)
3,3'-Dichlorobenzidine	µg/L	-	-	ND (5.0)
3-Nitroaniline	µg/L	-	-	ND (10)
4,6-Dinitro-2-methylphenol	µg/L	-	-	ND (10)
4-Bromophenyl phenyl ether	µg/L	-	-	ND (5.0)
4-Chloro-3-methylphenol	µg/L	-	-	ND (5.0)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-10B	MW-10B	MW-14B
	Sample ID:	WG-11209162-072121-BP-003	WG-11209162-072121-BP-004	WG-11209162-070221-BP-002
	Sample Date:	7/21/2021	7/21/2021	7/2/2021
			Duplicate	
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	-	-	ND (5.0)
4-Chlorophenyl phenyl ether	µg/L	-	-	ND (5.0)
4-Methylphenol	µg/L	-	-	ND (10)
4-Nitroaniline	µg/L	-	-	ND (10)
4-Nitrophenol	µg/L	-	-	ND (10)
Acenaphthene	µg/L	-	-	ND (5.0)
Acenaphthylene	µg/L	-	-	ND (5.0)
Anthracene	µg/L	-	-	ND (5.0)
Benzaldehyde	µg/L	-	-	ND (5.0)
Benzo(a)anthracene	µg/L	-	-	ND (5.0)
Benzo(a)pyrene	µg/L	-	-	ND (5.0)
Benzo(b)fluoranthene	µg/L	-	-	ND (5.0)
Benzo(g,h,i)perylene	µg/L	-	-	ND (5.0)
Benzo(k)fluoranthene	µg/L	-	-	ND (5.0)
bis(2-Chloroethoxy)methane	µg/L	-	-	ND (5.0)
bis(2-Chloroethyl)ether	µg/L	-	-	ND (5.0)
bis(2-Ethylhexyl)phthalate	µg/L	-	-	ND (5.0)
Butyl benzylphthalate	µg/L	-	-	ND (5.0)
Carbazole	µg/L	-	-	ND (5.0)
Chrysene	µg/L	-	-	ND (5.0)
Dibenz(a,h)anthracene	µg/L	-	-	ND (5.0)
Dibenzofuran	µg/L	-	-	ND (10)
Diethyl phthalate	µg/L	-	-	ND (5.0)
Dimethyl phthalate	µg/L	-	-	ND (5.0)
Di-n-butylphthalate	µg/L	-	-	ND (5.0)
Di-n-octyl phthalate	µg/L	-	-	ND (5.0)
Fluoranthene	µg/L	-	-	ND (5.0)
Fluorene	µg/L	-	-	ND (5.0)
Hexachlorobenzene	µg/L	-	-	ND (5.0)
Hexachlorobutadiene	µg/L	-	-	ND (5.0)
Hexachlorocyclopentadiene	µg/L	-	-	ND (5.0)
Hexachloroethane	µg/L	-	-	ND (5.0)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	ND (5.0)
Isophorone	µg/L	-	-	ND (5.0)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-10B	MW-10B	MW-14B
	Sample ID:	WG-11209162-072121-BP-003	WG-11209162-072121-BP-004	WG-11209162-070221-BP-002
	Sample Date:	7/21/2021	7/21/2021	7/2/2021
			Duplicate	
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	-	-	2.6 J
Nitrobenzene	µg/L	-	-	ND (5.0)
N-Nitrosodi-n-propylamine	µg/L	-	-	ND (5.0)
N-Nitrosodiphenylamine	µg/L	-	-	ND (5.0)
Pentachlorophenol	µg/L	-	-	ND (10)
Phenanthrene	µg/L	-	-	ND (5.0)
Phenol	µg/L	-	-	ND (5.0)
Pyrene	µg/L	-	-	ND (5.0)
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	5.5 TJN
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	7.1 TJN
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	3.9 TJN
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	7.1 TJN
Benzene A	µg/L	-	-	-
Chloroiodomethane A	µg/L	-	-	4.1 TJN
Cyclobarbitol A	µg/L	-	-	-
Cyclohexane A	µg/L	-	-	-
Diisopropylamine A	µg/L	-	-	-
Epicoprostanol A	µg/L	-	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	-	-	-
Indane A	µg/L	-	-	4.2 TJN
Mephobarbital A	µg/L	-	-	-
N,N-Diisopropylformamide A	µg/L	-	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	5.9 TJN
Nonanoic acid A	µg/L	-	-	-
Phenobarbital A	µg/L	-	-	-
Talbutal A	µg/L	-	-	-
Tetralin A	µg/L	-	-	9.1 TJN
Triethylamine A	µg/L	-	-	-
Triphenyl phosphine oxide A	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-10B	MW-10B	MW-14B
	Sample ID:	WG-11209162-072121-BP-003	WG-11209162-072121-BP-004	WG-11209162-070221-BP-002
	Sample Date:	7/21/2021	7/21/2021	7/2/2021
			Duplicate	
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	-	-	240 TJ
Unknown 2	µg/L	-	-	4.1 TJ
Unknown 3	µg/L	-	-	13 TJ
Unknown 4	µg/L	-	-	5.0 TJ
Unknown 5	µg/L	-	-	6.9 TJ
Unknown 6	µg/L	-	-	5.8 TJ
Unknown 7	µg/L	-	-	27 TJ
Unknown 8	µg/L	-	-	7.6 TJ
Unknown 9	µg/L	-	-	43 TJ
Unknown 10	µg/L	-	-	7.0 TJ
Unknown 11	µg/L	-	-	9.5 TJ
Unknown 12	µg/L	-	-	54 TJ
Unknown 13	µg/L	-	-	-
Unknown 14	µg/L	-	-	-

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-14B	MW-17B	MW-17B
	Sample ID:	WG-11209162-072121-BP-002	WG-11209162-070521-BP-007	WG-11209162-072221-BP-007
	Sample Date:	7/21/2021	7/5/2021	7/21/2021
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	-	ND (5.0)	-
1,1,2,2-Tetrachloroethane	µg/L	-	ND (5.0)	-
1,1,2-Trichloroethane	µg/L	-	ND (5.0)	-
1,1-Dichloroethane	µg/L	-	ND (5.0)	-
1,1-Dichloroethene	µg/L	-	ND (5.0)	-
1,2-Dichloroethane	µg/L	-	ND (5.0)	-
1,2-Dichloropropane	µg/L	-	ND (5.0)	-
2-Butanone (Methyl Ethyl Ketone)	µg/L	-	8.8 J	-
2-Hexanone	µg/L	-	ND (10)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	-	ND (10)	-
Acetone	µg/L	-	8.5 J	-
Benzene	µg/L	-	ND (1.0)	-
Bromodichloromethane	µg/L	-	ND (5.0)	-
Bromoform	µg/L	-	ND (5.0)	-
Bromomethane (Methyl Bromide)	µg/L	-	ND (10)	-
Carbon disulfide	µg/L	-	ND (5.0)	-
Carbon tetrachloride	µg/L	-	ND (5.0)	-
Chlorobenzene	µg/L	-	ND (5.0)	-
Chloroethane	µg/L	-	ND (10)	-
Chloroform (Trichloromethane)	µg/L	-	ND (5.0)	-
Chloromethane (Methyl Chloride)	µg/L	-	ND (10)	-
cis-1,2-Dichloroethene	µg/L	-	ND (5.0)	-
cis-1,3-Dichloropropene	µg/L	-	ND (5.0)	-
Dibromochloromethane	µg/L	-	ND (5.0)	-
Ethyl Ether	µg/L	-	940	-
Ethylbenzene	µg/L	-	ND (5.0)	-
m&p-Xylene	µg/L	-	ND (5.0)	-
Methylene chloride	µg/L	-	ND (5.0)	-
o-Xylene	µg/L	-	ND (5.0)	-
Styrene	µg/L	-	ND (5.0)	-
Tetrachloroethene	µg/L	-	ND (5.0)	-
Toluene	µg/L	-	ND (5.0)	-
trans-1,2-Dichloroethene	µg/L	-	ND (5.0)	-
trans-1,3-Dichloropropene	µg/L	-	ND (5.0)	-
Trichloroethene	µg/L	-	ND (5.0)	-
Vinyl chloride	µg/L	-	ND (10)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-14B	MW-17B	MW-17B
	Sample ID:	WG-11209162-072121-BP-002	WG-11209162-070521-BP-007	WG-11209162-072221-BP-007
	Sample Date:	7/21/2021	7/5/2021	7/21/2021
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	-
Squalene A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	-	ND (50)	-
1,2-Dichlorobenzene	µg/L	-	ND (50)	-
1,3-Dichlorobenzene	µg/L	-	ND (50)	-
1,4-Dichlorobenzene	µg/L	-	ND (50)	-
1,4-Dioxane	µg/L	ND (0.20)	-	4.7
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	-	ND (25)	-
2,4,5-Trichlorophenol	µg/L	-	ND (25)	-
2,4,6-Trichlorophenol	µg/L	-	ND (25)	-
2,4-Dichlorophenol	µg/L	-	ND (25)	-
2,4-Dimethylphenol	µg/L	-	ND (25)	-
2,4-Dinitrophenol	µg/L	-	ND (50)	-
2,4-Dinitrotoluene	µg/L	-	ND (25)	-
2,6-Dinitrotoluene	µg/L	-	ND (25)	-
2-Chloronaphthalene	µg/L	-	ND (25)	-
2-Chlorophenol	µg/L	-	ND (25)	-
2-Methylnaphthalene	µg/L	-	ND (25)	-
2-Methylphenol	µg/L	-	ND (25)	-
2-Nitroaniline	µg/L	-	ND (50)	-
2-Nitrophenol	µg/L	-	ND (25)	-
3,3'-Dichlorobenzidine	µg/L	-	ND (25)	-
3-Nitroaniline	µg/L	-	ND (50)	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (50)	-
4-Bromophenyl phenyl ether	µg/L	-	ND (25)	-
4-Chloro-3-methylphenol	µg/L	-	ND (25)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-14B	MW-17B	MW-17B
	Sample ID:	WG-11209162-072121-BP-002	WG-11209162-070521-BP-007	WG-11209162-072221-BP-007
	Sample Date:	7/21/2021	7/5/2021	7/21/2021
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	-	ND (25)	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (25)	-
4-Methylphenol	µg/L	-	ND (50)	-
4-Nitroaniline	µg/L	-	ND (50)	-
4-Nitrophenol	µg/L	-	ND (50)	-
Acenaphthene	µg/L	-	ND (25)	-
Acenaphthylene	µg/L	-	ND (25)	-
Anthracene	µg/L	-	ND (25)	-
Benzaldehyde	µg/L	-	ND (25)	-
Benzo(a)anthracene	µg/L	-	ND (25)	-
Benzo(a)pyrene	µg/L	-	ND (25)	-
Benzo(b)fluoranthene	µg/L	-	ND (25)	-
Benzo(g,h,i)perylene	µg/L	-	ND (25)	-
Benzo(k)fluoranthene	µg/L	-	ND (25)	-
bis(2-Chloroethoxy)methane	µg/L	-	ND (25)	-
bis(2-Chloroethyl)ether	µg/L	-	ND (25)	-
bis(2-Ethylhexyl)phthalate	µg/L	-	ND (25)	-
Butyl benzylphthalate	µg/L	-	ND (25)	-
Carbazole	µg/L	-	ND (25)	-
Chrysene	µg/L	-	ND (25)	-
Dibenz(a,h)anthracene	µg/L	-	ND (25)	-
Dibenzofuran	µg/L	-	ND (50)	-
Diethyl phthalate	µg/L	-	ND (25)	-
Dimethyl phthalate	µg/L	-	ND (25)	-
Di-n-butylphthalate	µg/L	-	2.1 J	-
Di-n-octyl phthalate	µg/L	-	ND (25)	-
Fluoranthene	µg/L	-	ND (25)	-
Fluorene	µg/L	-	ND (25)	-
Hexachlorobenzene	µg/L	-	ND (25)	-
Hexachlorobutadiene	µg/L	-	ND (25)	-
Hexachlorocyclopentadiene	µg/L	-	ND (25)	-
Hexachloroethane	µg/L	-	ND (25)	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (25)	-
Isophorone	µg/L	-	ND (25)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-14B	MW-17B	MW-17B
	Sample ID:	WG-11209162-072121-BP-002	WG-11209162-070521-BP-007	WG-11209162-072221-BP-007
	Sample Date:	7/21/2021	7/5/2021	7/21/2021
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	-	ND (25)	-
Nitrobenzene	µg/L	-	ND (25)	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (25)	-
N-Nitrosodiphenylamine	µg/L	-	ND (25)	-
Pentachlorophenol	µg/L	-	ND (50)	-
Phenanthrene	µg/L	-	ND (5.0)	-
Phenol	µg/L	-	ND (25)	-
Pyrene	µg/L	-	ND (25)	-
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	-
Benzene A	µg/L	-	-	-
Chloroiodomethane A	µg/L	-	20 TJN	-
Cyclobarbitol A	µg/L	-	31 TJN	-
Cyclohexane A	µg/L	-	-	-
Diisopropylamine A	µg/L	-	280 TJN	-
Epicoprostanol A	µg/L	-	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	-	15 TJN	-
Indane A	µg/L	-	-	-
Mephobarbital A	µg/L	-	45 TJN	-
N,N-Diisopropylformamide A	µg/L	-	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	-
Nonanoic acid A	µg/L	-	-	-
Phenobarbital A	µg/L	-	59 TJN	-
Talbutal A	µg/L	-	30 TJN	-
Tetralin A	µg/L	-	-	-
Triethylamine A	µg/L	-	120 TJN	-
Triphenyl phosphine oxide A	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-14B	MW-17B	MW-17B
	Sample ID:	WG-11209162-072121-BP-002	WG-11209162-070521-BP-007	WG-11209162-072221-BP-007
	Sample Date:	7/21/2021	7/5/2021	7/21/2021
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	-	12 TJ	-
Unknown 2	µg/L	-	9.9 TJ	-
Unknown 3	µg/L	-	15 TJ	-
Unknown 4	µg/L	-	13 TJ	-
Unknown 5	µg/L	-	88 TJ	-
Unknown 6	µg/L	-	24 TJ	-
Unknown 7	µg/L	-	45 TJ	-
Unknown 8	µg/L	-	12 TJ	-
Unknown 9	µg/L	-	100 TJ	-
Unknown 10	µg/L	-	690 TJ	-
Unknown 11	µg/L	-	12 TJ	-
Unknown 12	µg/L	-	180 TJ	-
Unknown 13	µg/L	-	-	-
Unknown 14	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-19B	MW-19B	MW-22BR
	Sample ID:	WG-11209162-070521-BP-009	WG-11209162-072221-BP-008	WG-11209162-070521-BP-006
	Sample Date:	7/5/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1-Dichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,1-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
1,2-Dichloroethane	µg/L	ND (5.0)	-	ND (5.0)
1,2-Dichloropropane	µg/L	ND (5.0)	-	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	5.9 J	-	2.3 J
2-Hexanone	µg/L	ND (10)	-	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	ND (10)
Acetone	µg/L	ND (10)	-	ND (10)
Benzene	µg/L	ND (1.0)	-	ND (1.0)
Bromodichloromethane	µg/L	ND (5.0)	-	ND (5.0)
Bromoform	µg/L	ND (5.0)	-	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	-	ND (10)
Carbon disulfide	µg/L	ND (5.0)	-	ND (5.0)
Carbon tetrachloride	µg/L	ND (5.0)	-	ND (5.0)
Chlorobenzene	µg/L	ND (5.0)	-	ND (5.0)
Chloroethane	µg/L	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	-	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (5.0)
Dibromochloromethane	µg/L	ND (5.0)	-	ND (5.0)
Ethyl Ether	µg/L	160	-	ND (10)
Ethylbenzene	µg/L	ND (5.0)	-	ND (5.0)
m&p-Xylene	µg/L	ND (5.0)	-	ND (5.0)
Methylene chloride	µg/L	ND (5.0)	-	ND (5.0)
o-Xylene	µg/L	ND (5.0)	-	ND (5.0)
Styrene	µg/L	ND (5.0)	-	ND (5.0)
Tetrachloroethene	µg/L	ND (5.0)	-	ND (5.0)
Toluene	µg/L	2.0 J	-	ND (5.0)
trans-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (5.0)
Trichloroethene	µg/L	ND (5.0)	-	ND (5.0)
Vinyl chloride	µg/L	ND (10)	-	ND (10)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**MW-19B**	**MW-19B**	**MW-22BR**
	Sample ID:	**WG-11209162-070521-BP-009**	**WG-11209162-072221-BP-008**	**WG-11209162-070521-BP-006**
	Sample Date:	**7/5/2021**	**7/21/2021**	**7/5/2021**
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	-
Squalene A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	ND (10)	-	ND (50)
1,2-Dichlorobenzene	µg/L	ND (10)	-	ND (50)
1,3-Dichlorobenzene	µg/L	ND (10)	-	ND (50)
1,4-Dichlorobenzene	µg/L	ND (10)	-	ND (50)
1,4-Dioxane	µg/L	-	1.1	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.0)	-	ND (25)
2,4,5-Trichlorophenol	µg/L	ND (5.0)	-	ND (25)
2,4,6-Trichlorophenol	µg/L	ND (5.0)	-	ND (25)
2,4-Dichlorophenol	µg/L	ND (5.0)	-	ND (25)
2,4-Dimethylphenol	µg/L	ND (5.0)	-	ND (25)
2,4-Dinitrophenol	µg/L	ND (10)	-	ND (50)
2,4-Dinitrotoluene	µg/L	ND (5.0)	-	ND (25)
2,6-Dinitrotoluene	µg/L	ND (5.0)	-	ND (25)
2-Chloronaphthalene	µg/L	ND (5.0)	-	ND (25)
2-Chlorophenol	µg/L	ND (5.0)	-	ND (25)
2-Methylnaphthalene	µg/L	ND (5.0)	-	ND (25)
2-Methylphenol	µg/L	ND (5.0)	-	ND (25)
2-Nitroaniline	µg/L	ND (10)	-	ND (50)
2-Nitrophenol	µg/L	ND (5.0)	-	ND (25)
3,3'-Dichlorobenzidine	µg/L	ND (5.0)	-	ND (25)
3-Nitroaniline	µg/L	ND (10)	-	ND (50)
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	-	ND (50)
4-Bromophenyl phenyl ether	µg/L	ND (5.0)	-	ND (25)
4-Chloro-3-methylphenol	µg/L	ND (5.0)	-	ND (25)

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-19B	MW-19B	MW-22BR
	Sample ID:	WG-11209162-070521-BP-009	WG-11209162-072221-BP-008	WG-11209162-070521-BP-006
	Sample Date:	7/5/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	ND (5.0)	-	ND (25)
4-Chlorophenyl phenyl ether	µg/L	ND (5.0)	-	ND (25)
4-Methylphenol	µg/L	ND (10)	-	ND (50)
4-Nitroaniline	µg/L	ND (10)	-	ND (50)
4-Nitrophenol	µg/L	ND (10)	-	ND (50)
Acenaphthene	µg/L	ND (5.0)	-	ND (25)
Acenaphthylene	µg/L	ND (5.0)	-	ND (25)
Anthracene	µg/L	ND (5.0)	-	ND (25)
Benzaldehyde	µg/L	ND (5.0)	-	ND (25)
Benzo(a)anthracene	µg/L	ND (5.0)	-	ND (25)
Benzo(a)pyrene	µg/L	ND (5.0)	-	ND (25)
Benzo(b)fluoranthene	µg/L	ND (5.0)	-	ND (25)
Benzo(g,h,i)perylene	µg/L	ND (5.0)	-	ND (25)
Benzo(k)fluoranthene	µg/L	ND (5.0)	-	ND (25)
bis(2-Chloroethoxy)methane	µg/L	ND (5.0)	-	ND (25)
bis(2-Chloroethyl)ether	µg/L	ND (5.0)	-	ND (25)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.0)	-	ND (25)
Butyl benzylphthalate	µg/L	ND (5.0)	-	ND (25)
Carbazole	µg/L	ND (5.0)	-	ND (25)
Chrysene	µg/L	ND (5.0)	-	ND (25)
Dibenz(a,h)anthracene	µg/L	ND (5.0)	-	ND (25)
Dibenzofuran	µg/L	ND (10)	-	ND (50)
Diethyl phthalate	µg/L	ND (5.0)	-	ND (25)
Dimethyl phthalate	µg/L	ND (5.0)	-	ND (25)
Di-n-butylphthalate	µg/L	0.51 J	-	ND (25)
Di-n-octyl phthalate	µg/L	ND (5.0)	-	ND (25)
Fluoranthene	µg/L	ND (5.0)	-	ND (25)
Fluorene	µg/L	ND (5.0)	-	ND (25)
Hexachlorobenzene	µg/L	ND (5.0)	-	ND (25)
Hexachlorobutadiene	µg/L	ND (5.0)	-	ND (25)
Hexachlorocyclopentadiene	µg/L	ND (5.0)	-	ND (25)
Hexachloroethane	µg/L	ND (5.0)	-	ND (25)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.0)	-	ND (25)
Isophorone	µg/L	ND (5.0)	-	ND (25)

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-19B	MW-19B	MW-22BR
	Sample ID:	WG-11209162-070521-BP-009	WG-11209162-072221-BP-008	WG-11209162-070521-BP-006
	Sample Date:	7/5/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	ND (5.0)	-	ND (25)
Nitrobenzene	µg/L	ND (5.0)	-	ND (25)
N-Nitrosodi-n-propylamine	µg/L	ND (5.0)	-	ND (25)
N-Nitrosodiphenylamine	µg/L	ND (5.0)	-	ND (25)
Pentachlorophenol	µg/L	ND (10)	-	ND (50)
Phenanthrene	µg/L	ND (5.0)	-	ND (5.0)
Phenol	µg/L	ND (5.0)	-	ND (25)
Pyrene	µg/L	ND (5.0)	-	ND (25)
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	23 TJN	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	-
Benzene A	µg/L	-	-	9.9 TJN
Chloroiodomethane A	µg/L	-	-	-
Cyclobarbitol A	µg/L	-	-	-
Cyclohexane A	µg/L	-	-	28 TJN
Diisopropylamine A	µg/L	220 TJN	-	-
Epicoprostanol A	µg/L	9.7 TJN	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	-	-	-
Indane A	µg/L	-	-	-
Mephobarbital A	µg/L	19 TJN	-	-
N,N-Diisopropylformamide A	µg/L	-	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	-
Nonanoic acid A	µg/L	-	-	-
Phenobarbital A	µg/L	18 TJN	-	-
Talbutal A	µg/L	7.8 TJN	-	-
Tetralin A	µg/L	-	-	-
Triethylamine A	µg/L	43 TJN	-	-
Triphenyl phosphine oxide A	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-19B	MW-19B	MW-22BR
	Sample ID:	WG-11209162-070521-BP-009	WG-11209162-072221-BP-008	WG-11209162-070521-BP-006
	Sample Date:	7/5/2021	7/21/2021	7/5/2021
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	80 TJ	-	20 TJ
Unknown 2	µg/L	10 TJ	-	17 TJ
Unknown 3	µg/L	7.1 TJ	-	19 TJ
Unknown 4	µg/L	38 TJ	-	12 TJ
Unknown 5	µg/L	200 TJ	-	9.8 TJ
Unknown 6	µg/L	6.0 TJ	-	11 TJ
Unknown 7	µg/L	35 TJ	-	9.4 TJ
Unknown 8	µg/L	6.9 TJ	-	64 TJ
Unknown 9	µg/L	8.6 TJ	-	8.1 TJ
Unknown 10	µg/L	160 TJ	-	920 TJ
Unknown 11	µg/L	49 TJ	-	12 TJ
Unknown 12	µg/L	54 TJ	-	270 TJ
Unknown 13	µg/L	5.6 TJ	-	-
Unknown 14	µg/L	-	-	-

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-22BR	MW-23B	MW-23B
	Sample ID:	WG-11209162-072221-BP-009	WG-11209162-070221-BP-004	WG-11209162-072121-BP-005
	Sample Date:	7/21/2021	7/2/2021	7/21/2021
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	-	ND (5.0)	-
1,1,2,2-Tetrachloroethane	µg/L	-	ND (5.0)	-
1,1,2-Trichloroethane	µg/L	-	ND (5.0)	-
1,1-Dichloroethane	µg/L	-	ND (5.0)	-
1,1-Dichloroethene	µg/L	-	ND (5.0)	-
1,2-Dichloroethane	µg/L	-	ND (5.0)	-
1,2-Dichloropropane	µg/L	-	ND (5.0)	-
2-Butanone (Methyl Ethyl Ketone)	µg/L	-	3.4 J	-
2-Hexanone	µg/L	-	ND (10)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	-	ND (10)	-
Acetone	µg/L	-	3.5 J	-
Benzene	µg/L	-	ND (1.0)	-
Bromodichloromethane	µg/L	-	ND (5.0)	-
Bromoform	µg/L	-	ND (5.0)	-
Bromomethane (Methyl Bromide)	µg/L	-	ND (10)	-
Carbon disulfide	µg/L	-	ND (5.0)	-
Carbon tetrachloride	µg/L	-	ND (5.0)	-
Chlorobenzene	µg/L	-	ND (5.0)	-
Chloroethane	µg/L	-	ND (10)	-
Chloroform (Trichloromethane)	µg/L	-	ND (5.0)	-
Chloromethane (Methyl Chloride)	µg/L	-	ND (10)	-
cis-1,2-Dichloroethene	µg/L	-	ND (5.0)	-
cis-1,3-Dichloropropene	µg/L	-	ND (5.0)	-
Dibromochloromethane	µg/L	-	ND (5.0)	-
Ethyl Ether	µg/L	-	ND (10)	-
Ethylbenzene	µg/L	-	ND (5.0)	-
m&p-Xylene	µg/L	-	ND (5.0)	-
Methylene chloride	µg/L	-	ND (5.0)	-
o-Xylene	µg/L	-	ND (5.0)	-
Styrene	µg/L	-	ND (5.0)	-
Tetrachloroethene	µg/L	-	ND (5.0)	-
Toluene	µg/L	-	ND (5.0)	-
trans-1,2-Dichloroethene	µg/L	-	ND (5.0)	-
trans-1,3-Dichloropropene	µg/L	-	ND (5.0)	-
Trichloroethene	µg/L	-	ND (5.0)	-
Vinyl chloride	µg/L	-	ND (10)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-22BR	MW-23B	MW-23B
	Sample ID:	WG-11209162-072221-BP-009	WG-11209162-070221-BP-004	WG-11209162-072121-BP-005
	Sample Date:	7/21/2021	7/2/2021	7/21/2021
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	-
Squalene A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	-	ND (10)	-
1,2-Dichlorobenzene	µg/L	-	ND (10)	-
1,3-Dichlorobenzene	µg/L	-	ND (10)	-
1,4-Dichlorobenzene	µg/L	-	ND (10)	-
1,4-Dioxane	µg/L	ND (0.40)	-	ND (0.67)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	-	ND (5.0)	-
2,4,5-Trichlorophenol	µg/L	-	ND (5.0)	-
2,4,6-Trichlorophenol	µg/L	-	ND (5.0)	-
2,4-Dichlorophenol	µg/L	-	ND (5.0)	-
2,4-Dimethylphenol	µg/L	-	ND (5.0)	-
2,4-Dinitrophenol	µg/L	-	ND (10)	-
2,4-Dinitrotoluene	µg/L	-	ND (5.0)	-
2,6-Dinitrotoluene	µg/L	-	ND (5.0)	-
2-Chloronaphthalene	µg/L	-	ND (5.0)	-
2-Chlorophenol	µg/L	-	ND (5.0)	-
2-Methylnaphthalene	µg/L	-	ND (5.0)	-
2-Methylphenol	µg/L	-	ND (5.0)	-
2-Nitroaniline	µg/L	-	ND (10)	-
2-Nitrophenol	µg/L	-	ND (5.0)	-
3,3'-Dichlorobenzidine	µg/L	-	ND (5.0)	-
3-Nitroaniline	µg/L	-	ND (10)	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (10)	-
4-Bromophenyl phenyl ether	µg/L	-	ND (5.0)	-
4-Chloro-3-methylphenol	µg/L	-	ND (5.0)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**MW-22BR**	**MW-23B**	**MW-23B**
	Sample ID:	**WG-11209162-072221-BP-009**	**WG-11209162-070221-BP-004**	**WG-11209162-072121-BP-005**
	Sample Date:	**7/21/2021**	**7/2/2021**	**7/21/2021**
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	-	ND (5.0)	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (5.0)	-
4-Methylphenol	µg/L	-	ND (10)	-
4-Nitroaniline	µg/L	-	ND (10)	-
4-Nitrophenol	µg/L	-	ND (10)	-
Acenaphthene	µg/L	-	ND (5.0)	-
Acenaphthylene	µg/L	-	ND (5.0)	-
Anthracene	µg/L	-	ND (5.0)	-
Benzaldehyde	µg/L	-	ND (5.0)	-
Benzo(a)anthracene	µg/L	-	ND (5.0)	-
Benzo(a)pyrene	µg/L	-	ND (5.0)	-
Benzo(b)fluoranthene	µg/L	-	ND (5.0)	-
Benzo(g,h,i)perylene	µg/L	-	ND (5.0)	-
Benzo(k)fluoranthene	µg/L	-	ND (5.0)	-
bis(2-Chloroethoxy)methane	µg/L	-	ND (5.0)	-
bis(2-Chloroethyl)ether	µg/L	-	ND (5.0)	-
bis(2-Ethylhexyl)phthalate	µg/L	-	ND (5.0)	-
Butyl benzylphthalate	µg/L	-	ND (5.0)	-
Carbazole	µg/L	-	ND (5.0)	-
Chrysene	µg/L	-	ND (5.0)	-
Dibenz(a,h)anthracene	µg/L	-	ND (5.0)	-
Dibenzofuran	µg/L	-	ND (10)	-
Diethyl phthalate	µg/L	-	ND (5.0)	-
Dimethyl phthalate	µg/L	-	ND (5.0)	-
Di-n-butylphthalate	µg/L	-	ND (5.0)	-
Di-n-octyl phthalate	µg/L	-	ND (5.0)	-
Fluoranthene	µg/L	-	ND (5.0)	-
Fluorene	µg/L	-	ND (5.0)	-
Hexachlorobenzene	µg/L	-	ND (5.0)	-
Hexachlorobutadiene	µg/L	-	ND (5.0)	-
Hexachlorocyclopentadiene	µg/L	-	ND (5.0)	-
Hexachloroethane	µg/L	-	ND (5.0)	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (5.0)	-
Isophorone	µg/L	-	ND (5.0)	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-22BR	MW-23B	MW-23B
	Sample ID:	WG-11209162-072221-BP-009	WG-11209162-070221-BP-004	WG-11209162-072121-BP-005
	Sample Date:	7/21/2021	7/2/2021	7/21/2021
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	-	ND (5.0)	-
Nitrobenzene	µg/L	-	ND (5.0)	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (5.0)	-
N-Nitrosodiphenylamine	µg/L	-	ND (5.0)	-
Pentachlorophenol	µg/L	-	ND (10)	-
Phenanthrene	µg/L	-	ND (5.0)	-
Phenol	µg/L	-	ND (5.0)	-
Pyrene	µg/L	-	ND (5.0)	-
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	-
Benzene A	µg/L	-	-	-
Chloroiodomethane A	µg/L	-	-	-
Cyclobarbitol A	µg/L	-	-	-
Cyclohexane A	µg/L	-	-	-
Diisopropylamine A	µg/L	-	-	-
Epicoprostanol A	µg/L	-	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	-	-	-
Indane A	µg/L	-	-	-
Mephobarbital A	µg/L	-	-	-
N,N-Diisopropylformamide A	µg/L	-	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	-
Nonanoic acid A	µg/L	-	-	-
Phenobarbital A	µg/L	-	-	-
Talbutal A	µg/L	-	-	-
Tetralin A	µg/L	-	-	-
Triethylamine A	µg/L	-	-	-
Triphenyl phosphine oxide A	µg/L	-	2.1 TJN	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-22BR	MW-23B	MW-23B
	Sample ID:	WG-11209162-072221-BP-009	WG-11209162-070221-BP-004	WG-11209162-072121-BP-005
	Sample Date:	7/21/2021	7/2/2021	7/21/2021
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	-	2.1 TJ	-
Unknown 2	µg/L	-	2.0 TJ	-
Unknown 3	µg/L	-	250 TJ	-
Unknown 4	µg/L	-	2.2 TJ	-
Unknown 5	µg/L	-	3.5 TJ	-
Unknown 6	µg/L	-	1.6 TJ	-
Unknown 7	µg/L	-	3.9 TJ	-
Unknown 8	µg/L	-	1.6 TJ	-
Unknown 9	µg/L	-	40 TJ	-
Unknown 10	µg/L	-	1.9 TJ	-
Unknown 11	µg/L	-	1.7 TJ	-
Unknown 12	µg/L	-	-	-
Unknown 13	µg/L	-	-	-
Unknown 14	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-24B	MW-24B	SW-1
	Sample ID:	WG-11209162-070221-BP-005	WG-11209162-072121-BP-006	SW-11209162-070521-BP-008
	Sample Date:	7/2/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Volatiles				
1,1,1-Trichloroethane	µg/L	ND (5.0)	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	-	ND (10)
1,1,2-Trichloroethane	µg/L	ND (5.0)	-	ND (10)
1,1-Dichloroethane	µg/L	ND (5.0)	-	ND (10)
1,1-Dichloroethene	µg/L	ND (5.0)	-	ND (10)
1,2-Dichloroethane	µg/L	ND (5.0)	-	ND (10)
1,2-Dichloropropane	µg/L	ND (5.0)	-	ND (10)
2-Butanone (Methyl Ethyl Ketone)	µg/L	3.8 J	-	9.5 J
2-Hexanone	µg/L	ND (10)	-	ND (20)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	ND (20)
Acetone	µg/L	ND (10)	-	15 J
Benzene	µg/L	ND (1.0)	-	ND (2.0)
Bromodichloromethane	µg/L	ND (5.0)	-	ND (10)
Bromoform	µg/L	ND (5.0)	-	ND (10)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	-	ND (20)
Carbon disulfide	µg/L	ND (5.0)	-	ND (10)
Carbon tetrachloride	µg/L	ND (5.0)	-	ND (10)
Chlorobenzene	µg/L	ND (5.0)	-	ND (10)
Chloroethane	µg/L	ND (10)	-	ND (20)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	-	ND (10)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	-	ND (20)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	-	7.3 J
cis-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (10)
Dibromochloromethane	µg/L	ND (5.0)	-	ND (10)
Ethyl Ether	µg/L	ND (10)	-	ND (20)
Ethylbenzene	µg/L	ND (5.0)	-	ND (10)
m&p-Xylene	µg/L	ND (5.0)	-	ND (10)
Methylene chloride	µg/L	ND (5.0)	-	0.93 J
o-Xylene	µg/L	ND (5.0)	-	ND (10)
Styrene	µg/L	ND (5.0)	-	ND (10)
Tetrachloroethene	µg/L	ND (5.0)	-	ND (10)
Toluene	µg/L	ND (5.0)	-	6.4 J
trans-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (10)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (10)
Trichloroethene	µg/L	ND (5.0)	-	ND (10)
Vinyl chloride	µg/L	ND (10)	-	3.2 J

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

Sample Location:		**MW-24B**	**MW-24B**	**SW-1**
Sample ID:		**WG-11209162-070221-BP-005**	**WG-11209162-072121-BP-006**	**SW-11209162-070521-BP-008**
Sample Date:		**7/2/2021**	**7/21/2021**	**7/5/2021**
Parameters	**Units**			
TIC Volatiles				
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-	-
Squalene A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semivolatiles				
1,2,4-Trichlorobenzene	µg/L	ND (10)	-	ND (200)
1,2-Dichlorobenzene	µg/L	ND (10)	-	ND (200)
1,3-Dichlorobenzene	µg/L	ND (10)	-	ND (200)
1,4-Dichlorobenzene	µg/L	ND (10)	-	ND (200)
1,4-Dioxane	µg/L	-	ND (0.67)	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.0)	-	ND (100)
2,4,5-Trichlorophenol	µg/L	ND (5.0)	-	ND (100)
2,4,6-Trichlorophenol	µg/L	ND (5.0)	-	ND (100)
2,4-Dichlorophenol	µg/L	ND (5.0)	-	ND (100)
2,4-Dimethylphenol	µg/L	ND (5.0)	-	ND (100)
2,4-Dinitrophenol	µg/L	ND (10)	-	ND (200)
2,4-Dinitrotoluene	µg/L	ND (5.0)	-	ND (100)
2,6-Dinitrotoluene	µg/L	ND (5.0)	-	ND (100)
2-Chloronaphthalene	µg/L	ND (5.0)	-	ND (100)
2-Chlorophenol	µg/L	ND (5.0)	-	ND (100)
2-Methylnaphthalene	µg/L	ND (5.0)	-	ND (100)
2-Methylphenol	µg/L	ND (5.0)	-	ND (100)
2-Nitroaniline	µg/L	ND (10)	-	ND (200)
2-Nitrophenol	µg/L	ND (5.0)	-	ND (100)
3,3'-Dichlorobenzidine	µg/L	ND (5.0)	-	ND (100)
3-Nitroaniline	µg/L	ND (10)	-	ND (200)
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	-	ND (200)
4-Bromophenyl phenyl ether	µg/L	ND (5.0)	-	ND (100)
4-Chloro-3-methylphenol	µg/L	ND (5.0)	-	ND (100)

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-24B	MW-24B	SW-1
	Sample ID:	WG-11209162-070221-BP-005	WG-11209162-072121-BP-006	SW-11209162-070521-BP-008
	Sample Date:	7/2/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Semivolatiles				
4-Chloroaniline	µg/L	ND (5.0)	-	ND (100)
4-Chlorophenyl phenyl ether	µg/L	ND (5.0)	-	ND (100)
4-Methylphenol	µg/L	ND (10)	-	ND (200)
4-Nitroaniline	µg/L	ND (10)	-	ND (200)
4-Nitrophenol	µg/L	ND (10)	-	ND (200)
Acenaphthene	µg/L	ND (5.0)	-	ND (100)
Acenaphthylene	µg/L	ND (5.0)	-	ND (100)
Anthracene	µg/L	ND (5.0)	-	ND (100)
Benzaldehyde	µg/L	ND (5.0)	-	ND (100)
Benzo(a)anthracene	µg/L	ND (5.0)	-	ND (100)
Benzo(a)pyrene	µg/L	ND (5.0)	-	ND (100)
Benzo(b)fluoranthene	µg/L	ND (5.0)	-	ND (100)
Benzo(g,h,i)perylene	µg/L	ND (5.0)	-	ND (100)
Benzo(k)fluoranthene	µg/L	ND (5.0)	-	ND (100)
bis(2-Chloroethoxy)methane	µg/L	ND (5.0)	-	ND (100)
bis(2-Chloroethyl)ether	µg/L	ND (5.0)	-	ND (100)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.0)	-	ND (100)
Butyl benzylphthalate	µg/L	ND (5.0)	-	ND (100)
Carbazole	µg/L	ND (5.0)	-	ND (100)
Chrysene	µg/L	ND (5.0)	-	ND (100)
Dibenz(a,h)anthracene	µg/L	ND (5.0)	-	ND (100)
Dibenzofuran	µg/L	ND (10)	-	ND (200)
Diethyl phthalate	µg/L	ND (5.0)	-	ND (100)
Dimethyl phthalate	µg/L	ND (5.0)	-	ND (100)
Di-n-butylphthalate	µg/L	ND (5.0)	-	ND (100)
Di-n-octyl phthalate	µg/L	ND (5.0)	-	ND (100)
Fluoranthene	µg/L	ND (5.0)	-	ND (100)
Fluorene	µg/L	ND (5.0)	-	ND (100)
Hexachlorobenzene	µg/L	ND (5.0)	-	ND (100)
Hexachlorobutadiene	µg/L	ND (5.0)	-	ND (100)
Hexachlorocyclopentadiene	µg/L	ND (5.0)	-	ND (100)
Hexachloroethane	µg/L	ND (5.0)	-	ND (100)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.0)	-	ND (100)
Isophorone	µg/L	ND (5.0)	-	ND (100)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-24B	MW-24B	SW-1
	Sample ID:	WG-11209162-070221-BP-005	WG-11209162-072121-BP-006	SW-11209162-070521-BP-008
	Sample Date:	7/2/2021	7/21/2021	7/5/2021
Parameters	**Units**			
Semivolatiles				
Naphthalene	µg/L	ND (5.0)	-	ND (100)
Nitrobenzene	µg/L	ND (5.0)	-	ND (100)
N-Nitrosodi-n-propylamine	µg/L	ND (5.0)	-	ND (100)
N-Nitrosodiphenylamine	µg/L	ND (5.0)	-	ND (100)
Pentachlorophenol	µg/L	ND (10)	-	ND (200)
Phenanthrene	µg/L	ND (5.0)	-	ND (100)
Phenol	µg/L	ND (5.0)	-	ND (100)
Pyrene	µg/L	ND (5.0)	-	ND (100)
TIC Semivolatiles				
(2-Methyl-1-butenyl)benzene A	µg/L	-	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-	-
Benzene A	µg/L	-	-	-
Chloroiodomethane A	µg/L	-	-	-
Cyclobarbitol A	µg/L	-	-	-
Cyclohexane A	µg/L	-	-	280 TJN
Diisopropylamine A	µg/L	-	-	-
Epicoprostanol A	µg/L	-	-	-
Heptadecane A	µg/L	-	-	-
Hexobarbital A	µg/L	-	-	-
Indane A	µg/L	-	-	-
Mephobarbital A	µg/L	-	-	-
N,N-Diisopropylformamide A	µg/L	-	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-	-
Nonanoic acid A	µg/L	4.7 TJN	-	-
Phenobarbital A	µg/L	-	-	-
Talbutal A	µg/L	-	-	-
Tetralin A	µg/L	-	-	-
Triethylamine A	µg/L	-	-	-
Triphenyl phosphine oxide A	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	MW-24B	MW-24B	SW-1
	Sample ID:	WG-11209162-070221-BP-005	WG-11209162-072121-BP-006	SW-11209162-070521-BP-008
	Sample Date:	7/2/2021	7/21/2021	7/5/2021
Parameters	**Units**			
TIC Semivolatiles				
Unknown 1	µg/L	1.8 TJ	-	250 TJ
Unknown 2	µg/L	240 TJ	-	-
Unknown 3	µg/L	2.1 TJ	-	-
Unknown 4	µg/L	2.0 TJ	-	-
Unknown 5	µg/L	1.7 TJ	-	-
Unknown 6	µg/L	3.5 TJ	-	-
Unknown 7	µg/L	2.0 TJ	-	-
Unknown 8	µg/L	28 TJ	-	-
Unknown 9	µg/L	1.7 TJ	-	-
Unknown 10	µg/L	-	-	-
Unknown 11	µg/L	-	-	-
Unknown 12	µg/L	-	-	-
Unknown 13	µg/L	-	-	-
Unknown 14	µg/L	-	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**SW-1**	**SW-2**
	Sample ID:	**SW-11209162-070521-BP-010**	**SW-11209162-070521-BP-011**
	Sample Date:	**7/5/2021**	**7/5/2021**
		Duplicate	
Parameters	**Units**		
Volatiles			
1,1,1-Trichloroethane	µg/L	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	ND (10)	ND (10)
2-Butanone (Methyl Ethyl Ketone)	µg/L	6.9 J	7.1 J
2-Hexanone	µg/L	ND (20)	ND (20)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (20)	ND (20)
Acetone	µg/L	12 J	11 J
Benzene	µg/L	ND (2.0)	ND (2.0)
Bromodichloromethane	µg/L	ND (10)	ND (10)
Bromoform	µg/L	ND (10)	ND (10)
Bromomethane (Methyl Bromide)	µg/L	ND (20)	ND (20)
Carbon disulfide	µg/L	1.2 J	0.77 J
Carbon tetrachloride	µg/L	ND (10)	ND (10)
Chlorobenzene	µg/L	ND (10)	ND (10)
Chloroethane	µg/L	ND (20)	ND (20)
Chloroform (Trichloromethane)	µg/L	ND (10)	ND (10)
Chloromethane (Methyl Chloride)	µg/L	ND (20)	ND (20)
cis-1,2-Dichloroethene	µg/L	7.9 J	7.6 J
cis-1,3-Dichloropropene	µg/L	ND (10)	ND (10)
Dibromochloromethane	µg/L	ND (10)	ND (10)
Ethyl Ether	µg/L	ND (20)	ND (20)
Ethylbenzene	µg/L	ND (10)	ND (10)
m&p-Xylene	µg/L	ND (10)	ND (10)
Methylene chloride	µg/L	ND (10)	ND (10)
o-Xylene	µg/L	ND (10)	ND (10)
Styrene	µg/L	ND (10)	ND (10)
Tetrachloroethene	µg/L	ND (10)	ND (10)
Toluene	µg/L	7.3 J	6.9 J
trans-1,2-Dichloroethene	µg/L	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	ND (10)	ND (10)
Trichloroethene	µg/L	ND (10)	ND (10)
Vinyl chloride	µg/L	3.8 J	3.6 J

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

Sample Location:		**SW-1**	**SW-2**
Sample ID:		**SW-11209162-070521-BP-010**	**SW-11209162-070521-BP-011**
Sample Date:		**7/5/2021**	**7/5/2021**
		Duplicate	
Parameters	**Units**		
TIC Volatiles			
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl- A	µg/L	-	-
Oxirane, 2,2-dimethyl-3-(3,7,12,16,20-pentamethyl-3,7,11,15,19-heneicosapentaenyl)-, (all-E) A	µg/L	-	-
Squalene A	µg/L	-	-
Unknown 1	µg/L	-	-
Unknown 2	µg/L	-	-
Semivolatiles			
1,2,4-Trichlorobenzene	µg/L	ND (50)	ND (200)
1,2-Dichlorobenzene	µg/L	ND (50)	ND (200)
1,3-Dichlorobenzene	µg/L	ND (50)	ND (200)
1,4-Dichlorobenzene	µg/L	ND (50)	ND (200)
1,4-Dioxane	µg/L	-	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (25)	ND (100)
2,4,5-Trichlorophenol	µg/L	ND (25)	ND (100)
2,4,6-Trichlorophenol	µg/L	ND (25)	ND (100)
2,4-Dichlorophenol	µg/L	ND (25)	ND (100)
2,4-Dimethylphenol	µg/L	ND (25)	ND (100)
2,4-Dinitrophenol	µg/L	ND (50)	ND (200)
2,4-Dinitrotoluene	µg/L	ND (25)	ND (100)
2,6-Dinitrotoluene	µg/L	ND (25)	ND (100)
2-Chloronaphthalene	µg/L	ND (25)	ND (100)
2-Chlorophenol	µg/L	ND (25)	ND (100)
2-Methylnaphthalene	µg/L	ND (25)	ND (100)
2-Methylphenol	µg/L	ND (25)	ND (100)
2-Nitroaniline	µg/L	ND (50)	ND (200)
2-Nitrophenol	µg/L	ND (25)	ND (100)
3,3'-Dichlorobenzidine	µg/L	ND (25)	ND (100)
3-Nitroaniline	µg/L	ND (50)	ND (200)
4,6-Dinitro-2-methylphenol	µg/L	ND (50)	ND (200)
4-Bromophenyl phenyl ether	µg/L	ND (25)	ND (100)
4-Chloro-3-methylphenol	µg/L	ND (25)	ND (100)

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	SW-1	SW-2
	Sample ID:	SW-11209162-070521-BP-010	SW-11209162-070521-BP-011
	Sample Date:	7/5/2021	7/5/2021
		Duplicate	
Parameters	**Units**		
Semivolatiles			
4-Chloroaniline	µg/L	ND (25)	ND (100)
4-Chlorophenyl phenyl ether	µg/L	ND (25)	ND (100)
4-Methylphenol	µg/L	5.7 J	13 J
4-Nitroaniline	µg/L	ND (50)	ND (200)
4-Nitrophenol	µg/L	ND (50)	ND (200)
Acenaphthene	µg/L	ND (25)	ND (100)
Acenaphthylene	µg/L	ND (25)	ND (100)
Anthracene	µg/L	ND (25)	ND (100)
Benzaldehyde	µg/L	ND (25)	ND (100)
Benzo(a)anthracene	µg/L	ND (25)	ND (100)
Benzo(a)pyrene	µg/L	ND (25)	ND (100)
Benzo(b)fluoranthene	µg/L	ND (25)	ND (100)
Benzo(g,h,i)perylene	µg/L	ND (25)	ND (100)
Benzo(k)fluoranthene	µg/L	ND (25)	ND (100)
bis(2-Chloroethoxy)methane	µg/L	ND (25)	ND (100)
bis(2-Chloroethyl)ether	µg/L	ND (25)	ND (100)
bis(2-Ethylhexyl)phthalate	µg/L	ND (25)	ND (100)
Butyl benzylphthalate	µg/L	ND (25)	ND (100)
Carbazole	µg/L	ND (25)	ND (100)
Chrysene	µg/L	ND (25)	ND (100)
Dibenz(a,h)anthracene	µg/L	ND (25)	ND (100)
Dibenzofuran	µg/L	ND (50)	ND (200)
Diethyl phthalate	µg/L	ND (25)	ND (100)
Dimethyl phthalate	µg/L	ND (25)	ND (100)
Di-n-butylphthalate	µg/L	ND (25)	ND (100)
Di-n-octyl phthalate	µg/L	ND (25)	ND (100)
Fluoranthene	µg/L	ND (25)	ND (100)
Fluorene	µg/L	ND (25)	ND (100)
Hexachlorobenzene	µg/L	ND (25)	ND (100)
Hexachlorobutadiene	µg/L	ND (25)	ND (100)
Hexachlorocyclopentadiene	µg/L	ND (25)	ND (100)
Hexachloroethane	µg/L	ND (25)	ND (100)
Indeno(1,2,3-cd)pyrene	µg/L	ND (25)	ND (100)
Isophorone	µg/L	ND (25)	ND (100)

Table 2

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	SW-1	SW-2
	Sample ID:	SW-11209162-070521-BP-010	SW-11209162-070521-BP-011
	Sample Date:	7/5/2021	7/5/2021
		Duplicate	
Parameters	**Units**		
Semivolatiles			
Naphthalene	µg/L	ND (25)	ND (100)
Nitrobenzene	µg/L	ND (25)	ND (100)
N-Nitrosodi-n-propylamine	µg/L	ND (25)	ND (100)
N-Nitrosodiphenylamine	µg/L	ND (25)	ND (100)
Pentachlorophenol	µg/L	ND (50)	ND (200)
Phenanthrene	µg/L	ND (25)	ND (100)
Phenol	µg/L	ND (25)	ND (100)
Pyrene	µg/L	ND (25)	ND (100)
TIC Semivolatiles			
(2-Methyl-1-butenyl)benzene A	µg/L	-	-
1(2H)-Naphthalenone, 3,4-dihydro- A	µg/L	-	-
1,2,3,4-Tetrahydro-2-methyl-naphthalene A	µg/L	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-
1-Ethyl-2-methylbenzene A	µg/L	-	-
Benzene A	µg/L	-	-
Chloroiodomethane A	µg/L	-	-
Cyclobarbitol A	µg/L	-	-
Cyclohexane A	µg/L	81 TJN	280 TJN
Diisopropylamine A	µg/L	-	-
Epicoprostanol A	µg/L	-	-
Heptadecane A	µg/L	13 TJN	-
Hexobarbital A	µg/L	-	-
Indane A	µg/L	-	-
Mephobarbital A	µg/L	-	-
N,N-Diisopropylformamide A	µg/L	-	-
Napthalene, 1,2,3,4-tetrahydro-5-meth A	µg/L	-	-
Nonanoic acid A	µg/L	-	-
Phenobarbital A	µg/L	-	-
Talbutal A	µg/L	-	-
Tetralin A	µg/L	-	-
Triethylamine A	µg/L	-	-
Triphenyl phosphine oxide A	µg/L	-	-

Analytical Results Summary
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

	Sample Location:	**SW-1**	**SW-2**
	Sample ID:	**SW-11209162-070521-BP-010**	**SW-11209162-070521-BP-011**
	Sample Date:	**7/5/2021**	**7/5/2021**
		Duplicate	
Parameters	**Units**		
TIC Semivolatiles			
Unknown 1	µg/L	200 TJ	210 TJ
Unknown 2	µg/L	9.6 TJ	51 TJ
Unknown 3	µg/L	16 TJ	-
Unknown 4	µg/L	24 TJ	-
Unknown 5	µg/L	30 TJ	-
Unknown 6	µg/L	15 TJ	-
Unknown 7	µg/L	61 TJ	-
Unknown 8	µg/L	15 TJ	-
Unknown 9	µg/L	-	-
Unknown 10	µg/L	-	-
Unknown 11	µg/L	-	-
Unknown 12	µg/L	-	-
Unknown 13	µg/L	-	-
Unknown 14	µg/L	-	-

Notes:

J - Estimated concentration
ND - Not detected at the associated reporting limit
TJ - Estimated TIC
TJN - Estimated TIC, presumptive identification
- - Not applicable

Table 3

Analytical Methods
Biennial Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
VOCs, SSPs, TICs	SW-846 8260	Water	-	14
SVOCs, SSPs, TICs	SW-846 8270	Water	7	40
1,4-Dioxane	SW-846 8270 SIM	Water	7	40

Notes:

SIM - Selective Ion Monitoring
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
TICs - Tentatively Identified Compounds
SSPs - Site-specific parameters
"-" - Not applicable

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Biennual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
July 2021

Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
VOCs	Phenanthrene	07/07/2021	0.543 J	WG-11209162-070521-BP-006	2.8 J	ND (25)	µg/L
				WG-11209162-070521-BP-007	2.8 J	ND (25)	µg/L
VOCs	Diethyl phthalate	07/09/2021	0.423 J	WG-11209162-070221-BP-001	0.23 J	ND (5.0)	µg/L
				WG-11209162-070221-BP-003	1.0 J	ND (5.0)	µg/L
				WG-11209162-070221-BP-004	0.40 J	ND (5.0)	µg/L
VOCs	Di-n-butylphthalate	07/09/2021	0.377 J	WG-11209162-070221-BP-001	0.40 J	ND (5.0)	µg/L
				WG-11209162-070221-BP-002	0.36 J	ND (5.0)	µg/L
				WG-11209162-070221-BP-005	0.32 J	ND (5.0)	µg/L

Notes:

* - Blank result adjusted for sample factors where applicable
VOCs - Volatile Organic Compounds
J - Estimated concentration
ND - Not detected at the associated reporting limit

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-186822-1
Laboratory Sample Delivery Group: 480-186822-1
Client Project/Site: Sterling Site #3 Annual Groundwater

For:
GHD Services Inc.
455 Phillip Street
Waterloo, Ontario N2L 3X2

Attn: Mike Okamoto

Authorized for release by:
7/28/2021 3:34:48 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

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
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 480-186822-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-186822-1

Comments
No additional comments.

Receipt
The samples were received on 7/3/2021 7:00 AM, 7/7/2021 8:00 AM and 7/22/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6º C, 3.2º C and 3.4º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SW-11209162-070521-BP-008 (480-186860-3), SW-11209162-070521-BP-010 (480-186860-5), SW-11209162-070521-BP-011 (480-186860-6), SW-11209162-070521-BP-011 (480-186860-6[MS]) and SW-11209162-070521-BP-011 (480-186860-6[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: WG-11209162-070521-BP-007 (480-186860-2) and WG-11209162-070521-BP-009 (480-186860-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in an unpreserved vial; however, the test assigned was a preserved test. The samples were analyzed within the 7-day holding time specified for unpreserved samples: WG-11209162-070521-BP-006 (480-186860-1) and WG-11209162-070521-BP-009 (480-186860-4).

Method 8260C: The following sample(s) was collected in an unpreserved vial; however, the test assigned was a preserved test. The sample was analyzed within the 7-day holding time specified for unpreserved samples: WG-11209162-070521-BP-007 (480-186860-2).

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

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to the nature of the sample matrix: SW-11209162-070521-BP-008 (480-186860-3) and SW-11209162-070521-BP-011 (480-186860-6). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples required a dilution due to the nature of the sample matrix: SW-11209162-070521-BP-008 (480-186860-3) and SW-11209162-070521-BP-011 (480-186860-6). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: SW-11209162-070521-BP-011 (480-186860-6[MS]) and SW-11209162-070521-BP-011 (480-186860-6[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-588752 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The following sample was diluted due to the nature of the sample matrix: SW-11209162-070521-BP-010 (480-186860-5). Elevated reporting limits (RLs) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SW-11209162-070521-BP-010 (480-186860-5). These results have been reported and qualified.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-588590 and analytical batch 480-589018 recovered outside control limits for the following analytes: 2-Nitroaniline, 3-Nitroaniline,

Job ID: 480-186822-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

4-Nitroaniline, Benzo[b]fluoranthene, Benzo[g,h,i]perylene and Indeno[1,2,3-cd]pyrene.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-589018 recovered above the upper control limit for 2,2'-oxybis[1-chloropropane], 4-Bromophenyl phenyl ether, 4-Chloroaniline, Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: WG-11209162-070221-BP-001 (480-186822-1), WG-11209162-070221-BP-002 (480-186822-2), WG-11209162-070221-BP-003 (480-186822-3), WG-11209162-070221-BP-004 (480-186822-4) and WG-11209162-070221-BP-005 (480-186822-5).

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-590126.

Method 3510C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: WG-11209162-072121-BP-003 (480-187531-3), WG-11209162-072121-BP-004 (480-187531-4), WG-11209162-072121-BP-005 (480-187531-5) and WG-11209162-072121-BP-006 (480-187531-6). The reporting limits (RLs) have been adjusted proportionately.

Method 3510C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: WG-11209162-070521-BP-006 (480-186860-1) and WG-11209162-070521-BP-007 (480-186860-2). The reporting limits (RLs) have been adjusted proportionately.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-070221-BP-001 — Lab Sample ID: 480-186822-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.0	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	3.1	J	10	3.0	ug/L	1		8260C	Total/NA
Diethyl phthalate	0.23	J B	5.0	0.22	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.40	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-070221-BP-002 — Lab Sample ID: 480-186822-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.6	J	10	1.3	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.36	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Naphthalene	2.6	J	5.0	0.76	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-070221-BP-003 — Lab Sample ID: 480-186822-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.7	J	10	1.3	ug/L	1		8260C	Total/NA
Diethyl phthalate	1.0	J B	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-070221-BP-004 — Lab Sample ID: 480-186822-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.4	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	3.5	J	10	3.0	ug/L	1		8260C	Total/NA
Diethyl phthalate	0.40	J B	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-070221-BP-005 — Lab Sample ID: 480-186822-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.8	J	10	1.3	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.32	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-186822-6

No Detections.

Client Sample ID: WG-11209162-070521-BP-006 — Lab Sample ID: 480-186860-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.3	J	10	1.3	ug/L	1		8260C	Total/NA
Phenanthrene	2.8	J B	25	2.2	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-070521-BP-007 — Lab Sample ID: 480-186860-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.8	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	8.5	J	10	3.0	ug/L	1		8260C	Total/NA
Ethyl ether	730	E	10	0.72	ug/L	1		8260C	Total/NA
Ethyl ether - DL	940		200	14	ug/L	20		8260C	Total/NA
Di-n-butyl phthalate	2.1	J	25	1.6	ug/L	1		8270D	Total/NA
Phenanthrene	2.8	J B	25	2.2	ug/L	1		8270D	Total/NA

Client Sample ID: SW-11209162-070521-BP-008 — Lab Sample ID: 480-186860-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.5	J	20	2.6	ug/L	2		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-11209162-070521-BP-008 (Continued) — Lab Sample ID: 480-186860-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	20	6.0	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	7.3	J	10	1.6	ug/L	2		8260C	Total/NA
Methylene Chloride	0.93	J	10	0.88	ug/L	2		8260C	Total/NA
Toluene	6.4	J	10	1.0	ug/L	2		8260C	Total/NA
Vinyl chloride	3.2	J	20	1.8	ug/L	2		8260C	Total/NA

Client Sample ID: WG-11209162-070521-BP-009 — Lab Sample ID: 480-186860-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.9	J	10	1.3	ug/L	1		8260C	Total/NA
Ethyl ether	160	E	10	0.72	ug/L	1		8260C	Total/NA
Toluene	2.0	J	5.0	0.51	ug/L	1		8260C	Total/NA
2-Butanone (MEK) - DL	5.9	J	40	5.3	ug/L	4		8260C	Total/NA
Ethyl ether - DL	160		40	2.9	ug/L	4		8260C	Total/NA
Toluene - DL	2.1	J	20	2.0	ug/L	4		8260C	Total/NA
Di-n-butyl phthalate	0.51	J	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: SW-11209162-070521-BP-010 — Lab Sample ID: 480-186860-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.9	J	20	2.6	ug/L	2		8260C	Total/NA
Acetone	12	J	20	6.0	ug/L	2		8260C	Total/NA
Carbon disulfide	1.2	J	10	0.38	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	7.9	J	10	1.6	ug/L	2		8260C	Total/NA
Toluene	7.3	J	10	1.0	ug/L	2		8260C	Total/NA
Vinyl chloride	3.8	J	20	1.8	ug/L	2		8260C	Total/NA
4-Methylphenol	5.7	J	50	1.8	ug/L	5		8270D	Total/NA

Client Sample ID: SW-11209162-070521-BP-011 — Lab Sample ID: 480-186860-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.1	J	20	2.6	ug/L	2		8260C	Total/NA
Acetone	11	J	20	6.0	ug/L	2		8260C	Total/NA
Carbon disulfide	0.77	J	10	0.38	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	7.6	J	10	1.6	ug/L	2		8260C	Total/NA
Toluene	6.9	J	10	1.0	ug/L	2		8260C	Total/NA
Vinyl chloride	3.6	J	20	1.8	ug/L	2		8260C	Total/NA
4-Methylphenol	13	J F1	200	7.2	ug/L	20		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-186860-7

No Detections.

Client Sample ID: WG-11209162-072121-BP-001 — Lab Sample ID: 480-187531-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.1		0.44	0.22	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-11209162-072121-BP-002 — Lab Sample ID: 480-187531-2

No Detections.

Client Sample ID: WG-11209162-072121-BP-003 — Lab Sample ID: 480-187531-3

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-004 — Lab Sample ID: 480-187531-4

No Detections.

Client Sample ID: WG-11209162-072121-BP-005 — Lab Sample ID: 480-187531-5

No Detections.

Client Sample ID: WG-11209162-072121-BP-006 — Lab Sample ID: 480-187531-6

No Detections.

Client Sample ID: WG-1120982-072221-BP-007 — Lab Sample ID: 480-187531-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.7		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-1120982-072221-BP-008 — Lab Sample ID: 480-187531-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-1120982-072221-BP-009 — Lab Sample ID: 480-187531-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-11209162-070221-BP-001

Date Collected: 07/02/21 09:00
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 13:54	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 13:54	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 13:54	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 13:54	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 13:54	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 13:54	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 13:54	1
2-Butanone (MEK)	**7.0**	**J**	10	1.3	ug/L			07/06/21 13:54	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 13:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 13:54	1
Acetone	**3.1**	**J**	10	3.0	ug/L			07/06/21 13:54	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 13:54	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 13:54	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 13:54	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 13:54	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 13:54	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 13:54	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 13:54	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 13:54	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 13:54	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 13:54	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 13:54	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 13:54	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 13:54	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 13:54	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 13:54	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 13:54	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 13:54	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 13:54	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 13:54	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 13:54	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 13:54	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 13:54	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 13:54	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 13:54	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 13:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 13:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*07/06/21 13:54*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/06/21 13:54*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*07/06/21 13:54*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/06/21 13:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 17:24	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1

Client Sample ID: WG-11209162-070221-BP-001

Lab Sample ID: 480-186822-1

Date Collected: 07/02/21 09:00
Date Received: 07/03/21 07:00

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 17:24	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:24	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Nitroaniline	10	U *1	10	0.42	ug/L		07/09/21 14:50	07/14/21 17:24	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 17:24	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1
3-Nitroaniline	10	U *1	10	0.48	ug/L		07/09/21 14:50	07/14/21 17:24	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Nitroaniline	10	U *1	10	0.25	ug/L		07/09/21 14:50	07/14/21 17:24	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 17:24	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 17:24	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 17:24	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzo[b]fluoranthene	5.0	U *1	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzo[g,h,i]perylene	5.0	U *1	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:24	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 17:24	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:24	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 17:24	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 17:24	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 17:24	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 17:24	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 17:24	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 17:24	1
Diethyl phthalate	**0.23**	**J B**	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 17:24	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:24	1
Di-n-butyl phthalate	**0.40**	**J B**	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 17:24	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:24	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:24	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:24	1

Client Sample ID: WG-11209162-070221-BP-001

Lab Sample ID: 480-186822-1

Date Collected: 07/02/21 09:00
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:24	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 17:24	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:24	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:24	1
Indeno[1,2,3-cd]pyrene	5.0	U *1	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:24	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 17:24	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 17:24	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 17:24	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 17:24	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:24	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:24	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 17:24	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 17:24	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 17:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*230*	*T J*	*ug/L*		*3.34*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*7.7*	*T J*	*ug/L*		*3.39*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Chloroiodomethane	*9.7*	*T J N*	*ug/L*		*3.97*	*593-71-5*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*4.40*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*24*	*T J*	*ug/L*		*5.16*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*6.22*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*1.6*	*T J*	*ug/L*		*6.65*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
N,N-Diisopropylformamide	*2.5*	*T J N*	*ug/L*		*6.78*	*2700-30-3*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Column Bleed	*1.8*	*T J*	*ug/L*		*7.18*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*4.3*	*T J*	*ug/L*		*7.91*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Column Bleed	*1.9*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*3.2*	*T J*	*ug/L*		*9.11*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Talbutal	*17*	*T J N*	*ug/L*		*10.07*	*115-44-6*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*10.11*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*10.47*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Hexobarbital	*7.7*	*T J N*	*ug/L*		*10.65*	*56-29-1*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Mephobarbital	*21*	*T J N*	*ug/L*		*10.80*	*115-38-8*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Phenobarbital	*27*	*T J N*	*ug/L*		*11.04*	*50-06-6*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*11*	*T J*	*ug/L*		*11.08*		*07/09/21 14:50*	*07/14/21 17:24*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*12.44*		*07/09/21 14:50*	*07/14/21 17:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*41 - 120*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
2-Fluorophenol (Surr)	*72*		*35 - 120*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
Phenol-d5 (Surr)	*52*		*22 - 120*	*07/09/21 14:50*	*07/14/21 17:24*	*1*
p-Terphenyl-d14 (Surr)	*88*		*60 - 148*	*07/09/21 14:50*	*07/14/21 17:24*	*1*

Client Sample ID: WG-11209162-070221-BP-002

Date Collected: 07/02/21 10:30
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 14:17	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 14:17	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 14:17	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 14:17	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 14:17	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 14:17	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 14:17	1
2-Butanone (MEK)	**3.6**	**J**	10	1.3	ug/L			07/06/21 14:17	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 14:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 14:17	1
Acetone	10	U	10	3.0	ug/L			07/06/21 14:17	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 14:17	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 14:17	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 14:17	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 14:17	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 14:17	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 14:17	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 14:17	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 14:17	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 14:17	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 14:17	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 14:17	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 14:17	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 14:17	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 14:17	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 14:17	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 14:17	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 14:17	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 14:17	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 14:17	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 14:17	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 14:17	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 14:17	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 14:17	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 14:17	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 14:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.5*	*T J*	*ug/L*		*11.95*			*07/06/21 14:17*	*1*
Unknown	*18*	*T J*	*ug/L*		*12.71*			*07/06/21 14:17*	*1*
Squalene	*87*	*T J N*	*ug/L*		*13.22*	*7683-64-9*		*07/06/21 14:17*	*1*
Oxirane, 2,2-dimethyl-3-	*78*	*T J N*	*ug/L*		*13.69*	*7200-26-2*		*07/06/21 14:17*	*1*
(3,7,12,16,20-pentamethyl-3,7,11,15, 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-	*99*	*T J N*	*ug/L*		*13.88*	*4602-84-0*		*07/06/21 14:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*07/06/21 14:17*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*07/06/21 14:17*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/06/21 14:17*	*1*

Client Sample ID: WG-11209162-070221-BP-002

Date Collected: 07/02/21 10:30
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/06/21 14:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 17:51	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 17:51	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:51	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Nitroaniline	10	U *1	10	0.42	ug/L		07/09/21 14:50	07/14/21 17:51	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 17:51	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
3-Nitroaniline	10	U *1	10	0.48	ug/L		07/09/21 14:50	07/14/21 17:51	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Nitroaniline	10	U *1	10	0.25	ug/L		07/09/21 14:50	07/14/21 17:51	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 17:51	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 17:51	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 17:51	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzo[b]fluoranthene	5.0	U *1	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzo[g,h,i]perylene	5.0	U *1	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:51	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 17:51	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 17:51	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 17:51	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 17:51	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 17:51	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 17:51	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 17:51	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 17:51	1

Client Sample ID: WG-11209162-070221-BP-002

Date Collected: 07/02/21 10:30
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 17:51	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:51	1
Di-n-butyl phthalate	**0.36**	**J B**	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 17:51	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:51	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 17:51	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 17:51	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:51	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 17:51	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:51	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 17:51	1
Indeno[1,2,3-cd]pyrene	5.0	U *1	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 17:51	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 17:51	1
Naphthalene	**2.6**	**J**	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 17:51	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 17:51	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 17:51	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 17:51	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 17:51	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 17:51	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 17:51	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 17:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*240*	*T J*	*ug/L*		*3.34*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Chloroiodomethane	*4.1*	*T J N*	*ug/L*		*3.97*	*593-71-5*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*27*	*T J*	*ug/L*		*5.16*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Benzene, 1-ethyl-2-methyl-	*7.1*	*T J N*	*ug/L*		*6.34*	*611-14-3*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Indane	*4.2*	*T J N*	*ug/L*		*6.76*	*496-11-7*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*4.1*	*T J*	*ug/L*		*7.17*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*13*	*T J*	*ug/L*		*7.46*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Naphthalene, 1,2,3,4-tetrahydro-	*9.1*	*T J N*	*ug/L*		*7.55*	*119-64-2*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	*3.9*	*T J N*	*ug/L*		*7.84*	*3877-19-8*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Benzene, (2-methyl-1-butenyl)-	*5.5*	*T J N*	*ug/L*		*7.88*	*56253-64-6*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*5.0*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*6.9*	*T J*	*ug/L*		*8.10*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	*5.9*	*T J N*	*ug/L*		*8.24*	*2809-64-5*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*5.8*	*T J*	*ug/L*		*8.37*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
1(2H)-Naphthalenone, 3,4-dihydro-	*7.1*	*T J N*	*ug/L*		*8.67*	*529-34-0*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*7.6*	*T J*	*ug/L*		*11.05*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*43*	*T J*	*ug/L*		*11.43*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*7.0*	*T J*	*ug/L*		*12.02*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*9.5*	*T J*	*ug/L*		*12.44*		*07/09/21 14:50*	*07/14/21 17:51*	*1*
Unknown	*54*	*T J*	*ug/L*		*14.55*		*07/09/21 14:50*	*07/14/21 17:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*41 - 120*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
2-Fluorophenol (Surr)	*75*		*35 - 120*	*07/09/21 14:50*	*07/14/21 17:51*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/09/21 14:50*	*07/14/21 17:51*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-070221-BP-002
Date Collected: 07/02/21 10:30
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	54		22 - 120	07/09/21 14:50	07/14/21 17:51	1
p-Terphenyl-d14 (Surr)	98		60 - 148	07/09/21 14:50	07/14/21 17:51	1

Client Sample ID: WG-11209162-070221-BP-003

Date Collected: 07/02/21 12:00
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 14:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 14:41	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 14:41	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 14:41	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 14:41	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 14:41	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 14:41	1
2-Butanone (MEK)	**4.7**	**J**	10	1.3	ug/L			07/06/21 14:41	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 14:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 14:41	1
Acetone	10	U	10	3.0	ug/L			07/06/21 14:41	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 14:41	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 14:41	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 14:41	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 14:41	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 14:41	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 14:41	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 14:41	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 14:41	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 14:41	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 14:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 14:41	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 14:41	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 14:41	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 14:41	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 14:41	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 14:41	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 14:41	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 14:41	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 14:41	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 14:41	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 14:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 14:41	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 14:41	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 14:41	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 14:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 14:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*07/06/21 14:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/06/21 14:41*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*07/06/21 14:41*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/06/21 14:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 18:18	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1

Client Sample ID: WG-11209162-070221-BP-003

Lab Sample ID: 480-186822-3

Date Collected: 07/02/21 12:00
Date Received: 07/03/21 07:00

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 18:18	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:18	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Nitroaniline	10	U *1	10	0.42	ug/L		07/09/21 14:50	07/14/21 18:18	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 18:18	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1
3-Nitroaniline	10	U *1	10	0.48	ug/L		07/09/21 14:50	07/14/21 18:18	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Nitroaniline	10	U *1	10	0.25	ug/L		07/09/21 14:50	07/14/21 18:18	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 18:18	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 18:18	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 18:18	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzo[b]fluoranthene	5.0	U *1	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzo[g,h,i]perylene	5.0	U *1	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:18	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 18:18	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:18	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 18:18	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 18:18	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 18:18	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 18:18	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 18:18	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 18:18	1
Diethyl phthalate	**1.0**	**J B**	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 18:18	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:18	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 18:18	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:18	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:18	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:18	1

Client Sample ID: WG-11209162-070221-BP-003
Lab Sample ID: 480-186822-3
Date Collected: 07/02/21 12:00
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:18	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 18:18	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:18	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:18	1
Indeno[1,2,3-cd]pyrene	5.0	U *1	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:18	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 18:18	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 18:18	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 18:18	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 18:18	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:18	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:18	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 18:18	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 18:18	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 18:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.1*	*T J*	*ug/L*		*3.14*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*180*	*T J*	*ug/L*		*3.30*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Chloroiodomethane	*2.4*	*T J N*	*ug/L*		*3.95*	*593-71-5*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*1.6*	*T J*	*ug/L*		*4.38*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*24*	*T J*	*ug/L*		*5.16*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*2.1*	*T J*	*ug/L*		*6.23*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Column Bleed	*2.1*	*T J*	*ug/L*		*7.18*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*1.8*	*T J*	*ug/L*		*8.09*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*9.07*		*07/09/21 14:50*	*07/14/21 18:18*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*9.52*		*07/09/21 14:50*	*07/14/21 18:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*41 - 120*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
2-Fluorobiphenyl	*72*		*48 - 120*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
2-Fluorophenol (Surr)	*50*		*35 - 120*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 120*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
Phenol-d5 (Surr)	*36*		*22 - 120*	*07/09/21 14:50*	*07/14/21 18:18*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*07/09/21 14:50*	*07/14/21 18:18*	*1*

Client Sample ID: WG-11209162-070221-BP-004

Lab Sample ID: 480-186822-4

Date Collected: 07/02/21 13:30
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 15:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:06	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 15:06	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 15:06	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 15:06	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:06	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 15:06	1
2-Butanone (MEK)	**3.4**	**J**	10	1.3	ug/L			07/06/21 15:06	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 15:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 15:06	1
Acetone	**3.5**	**J**	10	3.0	ug/L			07/06/21 15:06	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 15:06	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 15:06	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 15:06	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 15:06	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 15:06	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 15:06	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 15:06	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 15:06	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 15:06	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 15:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 15:06	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 15:06	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 15:06	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 15:06	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 15:06	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 15:06	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 15:06	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 15:06	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 15:06	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 15:06	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 15:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 15:06	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 15:06	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 15:06	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 15:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 15:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*07/06/21 15:06*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/06/21 15:06*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*07/06/21 15:06*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/06/21 15:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 18:46	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-070221-BP-004
Date Collected: 07/02/21 13:30
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 18:46	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:46	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Nitroaniline	10	U *1	10	0.42	ug/L		07/09/21 14:50	07/14/21 18:46	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 18:46	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1
3-Nitroaniline	10	U *1	10	0.48	ug/L		07/09/21 14:50	07/14/21 18:46	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Nitroaniline	10	U *1	10	0.25	ug/L		07/09/21 14:50	07/14/21 18:46	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 18:46	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 18:46	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 18:46	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzo[b]fluoranthene	5.0	U *1	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzo[g,h,i]perylene	5.0	U *1	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:46	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 18:46	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 18:46	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 18:46	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 18:46	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 18:46	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 18:46	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 18:46	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 18:46	1
Diethyl phthalate	**0.40**	**J B**	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 18:46	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:46	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 18:46	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:46	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 18:46	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 18:46	1

Client Sample ID: WG-11209162-070221-BP-004

Lab Sample ID: 480-186822-4

Date Collected: 07/02/21 13:30
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:46	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 18:46	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:46	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 18:46	1
Indeno[1,2,3-cd]pyrene	5.0	U *1	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 18:46	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 18:46	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 18:46	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 18:46	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 18:46	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 18:46	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 18:46	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 18:46	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 18:46	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 18:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*250*	*T J*	*ug/L*		*3.34*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*2.2*	*T J*	*ug/L*		*4.40*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*40*	*T J*	*ug/L*		*5.17*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Column Bleed	*2.1*	*T J*	*ug/L*		*6.23*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*1.9*	*T J*	*ug/L*		*7.18*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*7.90*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Column Bleed	*2.0*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*3.5*	*T J*	*ug/L*		*8.09*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*1.6*	*T J*	*ug/L*		*8.84*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*9.10*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Unknown	*1.6*	*T J*	*ug/L*		*9.52*		*07/09/21 14:50*	*07/14/21 18:46*	*1*
Triphenylphosphine oxide	*2.1*	*T J N*	*ug/L*		*13.29*	*791-28-6*	*07/09/21 14:50*	*07/14/21 18:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*41 - 120*	*07/09/21 14:50*	*07/14/21 18:46*	*1*
2-Fluorobiphenyl	*102*		*48 - 120*	*07/09/21 14:50*	*07/14/21 18:46*	*1*
2-Fluorophenol (Surr)	*78*		*35 - 120*	*07/09/21 14:50*	*07/14/21 18:46*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*07/09/21 14:50*	*07/14/21 18:46*	*1*
Phenol-d5 (Surr)	*59*		*22 - 120*	*07/09/21 14:50*	*07/14/21 18:46*	*1*
p-Terphenyl-d14 (Surr)	*99*		*60 - 148*	*07/09/21 14:50*	*07/14/21 18:46*	*1*

Client Sample ID: WG-11209162-070221-BP-005

Lab Sample ID: 480-186822-5

Date Collected: 07/02/21 14:30
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 15:29	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:29	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 15:29	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 15:29	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 15:29	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:29	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 15:29	1
2-Butanone (MEK)	**3.8**	**J**	10	1.3	ug/L			07/06/21 15:29	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 15:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 15:29	1
Acetone	10	U	10	3.0	ug/L			07/06/21 15:29	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 15:29	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 15:29	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 15:29	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 15:29	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 15:29	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 15:29	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 15:29	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 15:29	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 15:29	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 15:29	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 15:29	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 15:29	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 15:29	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 15:29	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 15:29	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 15:29	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 15:29	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 15:29	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 15:29	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 15:29	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 15:29	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 15:29	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 15:29	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 15:29	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 15:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 15:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*07/06/21 15:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/06/21 15:29*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*07/06/21 15:29*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/06/21 15:29*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 19:13	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1

Client Sample ID: WG-11209162-070221-BP-005

Lab Sample ID: 480-186822-5

Date Collected: 07/02/21 14:30
Date Received: 07/03/21 07:00

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 19:13	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 19:13	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Nitroaniline	10	U *1	10	0.42	ug/L		07/09/21 14:50	07/14/21 19:13	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 19:13	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1
3-Nitroaniline	10	U *1	10	0.48	ug/L		07/09/21 14:50	07/14/21 19:13	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Nitroaniline	10	U *1	10	0.25	ug/L		07/09/21 14:50	07/14/21 19:13	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 19:13	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 19:13	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 19:13	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzo[b]fluoranthene	5.0	U *1	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzo[g,h,i]perylene	5.0	U *1	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 19:13	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 19:13	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 19:13	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 19:13	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 19:13	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 19:13	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 19:13	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 19:13	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 19:13	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 19:13	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 19:13	1
Di-n-butyl phthalate	**0.32**	**J B**	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 19:13	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 19:13	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 19:13	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 19:13	1

Client Sample ID: WG-11209162-070221-BP-005

Lab Sample ID: 480-186822-5

Date Collected: 07/02/21 14:30
Matrix: Water
Date Received: 07/03/21 07:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 19:13	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 19:13	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 19:13	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 19:13	1
Indeno[1,2,3-cd]pyrene	5.0	U *1	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 19:13	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 19:13	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 19:13	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 19:13	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 19:13	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 19:13	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 19:13	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 19:13	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 19:13	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 19:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*240*	*T J*	*ug/L*		*3.33*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*2.1*	*T J*	*ug/L*		*4.40*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*28*	*T J*	*ug/L*		*5.16*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Column Bleed	*1.8*	*T J*	*ug/L*		*6.23*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*7.17*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Nonanoic acid	*4.7*	*T J N*	*ug/L*		*7.91*	*112-05-0*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*8.84*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*3.5*	*T J*	*ug/L*		*9.09*		*07/09/21 14:50*	*07/14/21 19:13*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*14.48*		*07/09/21 14:50*	*07/14/21 19:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*41 - 120*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
2-Fluorophenol (Surr)	*75*		*35 - 120*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
Phenol-d5 (Surr)	*56*		*22 - 120*	*07/09/21 14:50*	*07/14/21 19:13*	*1*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*	*07/09/21 14:50*	*07/14/21 19:13*	*1*

Client Sample ID: TRIP BLANK

Date Collected: 07/02/21 00:00
Date Received: 07/03/21 07:00

Lab Sample ID: 480-186822-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 15:52	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:52	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 15:52	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 15:52	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 15:52	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 15:52	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 15:52	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/06/21 15:52	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 15:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 15:52	1
Acetone	10	U	10	3.0	ug/L			07/06/21 15:52	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 15:52	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 15:52	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 15:52	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 15:52	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 15:52	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 15:52	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 15:52	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 15:52	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 15:52	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 15:52	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 15:52	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 15:52	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 15:52	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 15:52	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 15:52	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 15:52	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 15:52	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 15:52	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 15:52	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 15:52	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 15:52	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 15:52	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 15:52	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 15:52	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 15:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 15:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*07/06/21 15:52*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/06/21 15:52*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*07/06/21 15:52*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/06/21 15:52*	*1*

Client Sample ID: WG-11209162-070521-BP-006

Lab Sample ID: 480-186860-1

Date Collected: 07/05/21 07:30
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/08/21 11:59	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/08/21 11:59	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/08/21 11:59	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/08/21 11:59	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/08/21 11:59	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/08/21 11:59	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/08/21 11:59	1
2-Butanone (MEK)	**2.3**	**J**	10	1.3	ug/L			07/08/21 11:59	1
2-Hexanone	10	U	10	1.2	ug/L			07/08/21 11:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/08/21 11:59	1
Acetone	10	U	10	3.0	ug/L			07/08/21 11:59	1
Benzene	1.0	U	1.0	0.41	ug/L			07/08/21 11:59	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/08/21 11:59	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/08/21 11:59	1
Bromomethane	10	U	10	0.69	ug/L			07/08/21 11:59	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/08/21 11:59	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/08/21 11:59	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/08/21 11:59	1
Chloroethane	10	U	10	0.32	ug/L			07/08/21 11:59	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/08/21 11:59	1
Chloromethane	10	U	10	0.35	ug/L			07/08/21 11:59	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/08/21 11:59	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/08/21 11:59	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/08/21 11:59	1
Ethyl ether	10	U	10	0.72	ug/L			07/08/21 11:59	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/08/21 11:59	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/08/21 11:59	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/08/21 11:59	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/08/21 11:59	1
Styrene	5.0	U	5.0	0.73	ug/L			07/08/21 11:59	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/08/21 11:59	1
Toluene	5.0	U	5.0	0.51	ug/L			07/08/21 11:59	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/08/21 11:59	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/08/21 11:59	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/08/21 11:59	1
Vinyl chloride	10	U	10	0.90	ug/L			07/08/21 11:59	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/08/21 11:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/08/21 11:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/08/21 11:59*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*07/08/21 11:59*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/08/21 11:59*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/08/21 11:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	50	U	50	2.2	ug/L		07/07/21 15:58	07/10/21 02:16	1

Client Sample ID: WG-11209162-070521-BP-006

Date Collected: 07/05/21 07:30
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	50	U	50	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,2'-oxybis[1-chloropropane]	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4-Dichlorophenol	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4-Dimethylphenol	25	U	25	2.5	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4-Dinitrophenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:16	1
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Chloronaphthalene	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Chlorophenol	25	U	25	2.7	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Methylnaphthalene	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Methylphenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Nitroaniline	50	U	50	2.1	ug/L		07/07/21 15:58	07/10/21 02:16	1
2-Nitrophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
3-Nitroaniline	50	U	50	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Chloroaniline	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Methylphenol	50	U	50	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Nitroaniline	50	U	50	1.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
4-Nitrophenol	50	U	50	7.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
Acenaphthene	25	U	25	2.1	ug/L		07/07/21 15:58	07/10/21 02:16	1
Acenaphthylene	25	U	25	1.9	ug/L		07/07/21 15:58	07/10/21 02:16	1
Anthracene	25	U	25	1.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzaldehyde	25	U	25	1.3	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzo[a]anthracene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzo[a]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		07/07/21 15:58	07/10/21 02:16	1
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		07/07/21 15:58	07/10/21 02:16	1
Butyl benzyl phthalate	25	U	25	5.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
Carbazole	25	U	25	1.5	ug/L		07/07/21 15:58	07/10/21 02:16	1
Chrysene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:16	1
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		07/07/21 15:58	07/10/21 02:16	1
Dibenzofuran	50	U	50	2.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
Diethyl phthalate	25	U	25	1.1	ug/L		07/07/21 15:58	07/10/21 02:16	1
Dimethyl phthalate	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Di-n-butyl phthalate	25	U	25	1.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
Di-n-octyl phthalate	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
Fluoranthene	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1

Client Sample ID: WG-11209162-070521-BP-006
Date Collected: 07/05/21 07:30
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Hexachlorobenzene	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
Hexachlorobutadiene	25	U	25	3.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
Hexachloroethane	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:16	1
Isophorone	25	U	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:16	1
Naphthalene	25	U	25	3.8	ug/L		07/07/21 15:58	07/10/21 02:16	1
Nitrobenzene	25	U	25	1.5	ug/L		07/07/21 15:58	07/10/21 02:16	1
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		07/07/21 15:58	07/10/21 02:16	1
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:16	1
Pentachlorophenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:16	1
Phenanthrene	**2.8**	**J B**	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:16	1
Phenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:16	1
Pyrene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*12*	*T J*	*ug/L*		*2.40*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*64*	*T J*	*ug/L*		*2.82*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Cyclohexane	*28*	*T J N*	*ug/L*		*2.99*	*110-82-7*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
Benzene	*9.9*	*T J N*	*ug/L*		*3.06*	*71-43-2*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*920*	*T J*	*ug/L*		*3.26*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*12*	*T J*	*ug/L*		*4.34*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*270*	*T J*	*ug/L*		*5.12*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
column bleed	*19*	*T J*	*ug/L*		*6.17*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
column bleed	*20*	*T J*	*ug/L*		*7.12*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
column bleed	*17*	*T J*	*ug/L*		*8.00*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*9.8*	*T J*	*ug/L*		*8.04*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*11*	*T J*	*ug/L*		*8.77*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*9.4*	*T J*	*ug/L*		*9.45*		*07/07/21 15:58*	*07/10/21 02:16*	*1*
Unknown	*8.1*	*T J*	*ug/L*		*10.03*		*07/07/21 15:58*	*07/10/21 02:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*41 - 120*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
2-Fluorobiphenyl	*104*		*48 - 120*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
2-Fluorophenol (Surr)	*78*		*35 - 120*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
Phenol-d5 (Surr)	*55*		*22 - 120*	*07/07/21 15:58*	*07/10/21 02:16*	*1*
p-Terphenyl-d14 (Surr)	*113*		*60 - 148*	*07/07/21 15:58*	*07/10/21 02:16*	*1*

Client Sample ID: WG-11209162-070521-BP-007

Date Collected: 07/05/21 09:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/07/21 14:56	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 14:56	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/07/21 14:56	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/07/21 14:56	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/07/21 14:56	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 14:56	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/07/21 14:56	1
2-Butanone (MEK)	**8.8**	**J**	10	1.3	ug/L			07/07/21 14:56	1
2-Hexanone	10	U	10	1.2	ug/L			07/07/21 14:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/07/21 14:56	1
Acetone	**8.5**	**J**	10	3.0	ug/L			07/07/21 14:56	1
Benzene	1.0	U	1.0	0.41	ug/L			07/07/21 14:56	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/07/21 14:56	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/07/21 14:56	1
Bromomethane	10	U	10	0.69	ug/L			07/07/21 14:56	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/07/21 14:56	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/07/21 14:56	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/07/21 14:56	1
Chloroethane	10	U	10	0.32	ug/L			07/07/21 14:56	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/07/21 14:56	1
Chloromethane	10	U	10	0.35	ug/L			07/07/21 14:56	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/07/21 14:56	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/07/21 14:56	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/07/21 14:56	1
Ethyl ether	**730**	**E**	10	0.72	ug/L			07/07/21 14:56	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/07/21 14:56	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/07/21 14:56	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/07/21 14:56	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/07/21 14:56	1
Styrene	5.0	U	5.0	0.73	ug/L			07/07/21 14:56	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/07/21 14:56	1
Toluene	5.0	U	5.0	0.51	ug/L			07/07/21 14:56	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/07/21 14:56	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/07/21 14:56	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/07/21 14:56	1
Vinyl chloride	10	U	10	0.90	ug/L			07/07/21 14:56	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/07/21 14:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 14:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/07/21 14:56*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*07/07/21 14:56*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/07/21 14:56*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/07/21 14:56*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	16	ug/L			07/08/21 12:20	20

Client Sample ID: WG-11209162-070521-BP-007

Date Collected: 07/05/21 09:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	100	U	100	4.2	ug/L			07/08/21 12:20	20
1,1,2-Trichloroethane	100	U	100	4.6	ug/L			07/08/21 12:20	20
1,1-Dichloroethane	100	U	100	7.6	ug/L			07/08/21 12:20	20
1,1-Dichloroethene	100	U	100	5.8	ug/L			07/08/21 12:20	20
1,2-Dichloroethane	100	U	100	4.2	ug/L			07/08/21 12:20	20
1,2-Dichloropropane	100	U	100	14	ug/L			07/08/21 12:20	20
2-Butanone (MEK)	200	U	200	26	ug/L			07/08/21 12:20	20
2-Hexanone	200	U	200	25	ug/L			07/08/21 12:20	20
4-Methyl-2-pentanone (MIBK)	200	U	200	42	ug/L			07/08/21 12:20	20
Acetone	200	U	200	60	ug/L			07/08/21 12:20	20
Benzene	20	U	20	8.2	ug/L			07/08/21 12:20	20
Bromodichloromethane	100	U	100	7.8	ug/L			07/08/21 12:20	20
Bromoform	100	U	100	5.2	ug/L			07/08/21 12:20	20
Bromomethane	200	U	200	14	ug/L			07/08/21 12:20	20
Carbon disulfide	100	U	100	3.8	ug/L			07/08/21 12:20	20
Carbon tetrachloride	100	U	100	5.4	ug/L			07/08/21 12:20	20
Chlorobenzene	100	U	100	15	ug/L			07/08/21 12:20	20
Chloroethane	200	U	200	6.4	ug/L			07/08/21 12:20	20
Chloroform	100	U	100	6.8	ug/L			07/08/21 12:20	20
Chloromethane	200	U	200	7.0	ug/L			07/08/21 12:20	20
cis-1,2-Dichloroethene	100	U	100	16	ug/L			07/08/21 12:20	20
cis-1,3-Dichloropropene	100	U	100	7.2	ug/L			07/08/21 12:20	20
Dibromochloromethane	100	U	100	6.4	ug/L			07/08/21 12:20	20
Ethyl ether	**940**		200	14	ug/L			07/08/21 12:20	20
Ethylbenzene	100	U	100	15	ug/L			07/08/21 12:20	20
m&p-Xylene	100	U	100	13	ug/L			07/08/21 12:20	20
Methylene Chloride	100	U	100	8.8	ug/L			07/08/21 12:20	20
o-Xylene	100	U	100	15	ug/L			07/08/21 12:20	20
Styrene	100	U	100	15	ug/L			07/08/21 12:20	20
Tetrachloroethene	100	U	100	7.2	ug/L			07/08/21 12:20	20
Toluene	100	U	100	10	ug/L			07/08/21 12:20	20
trans-1,2-Dichloroethene	100	U	100	18	ug/L			07/08/21 12:20	20
trans-1,3-Dichloropropene	100	U	100	7.4	ug/L			07/08/21 12:20	20
Trichloroethene	100	U	100	9.2	ug/L			07/08/21 12:20	20
Vinyl chloride	200	U	200	18	ug/L			07/08/21 12:20	20
2-Methylthiophene	200	U	200	8.8	ug/L			07/08/21 12:20	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/08/21 12:20*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/08/21 12:20*	*20*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*07/08/21 12:20*	*20*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/08/21 12:20*	*20*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/08/21 12:20*	*20*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	50	U	50	2.2	ug/L		07/07/21 15:58	07/10/21 02:42	1
1,2-Dichlorobenzene	50	U	50	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1

Client Sample ID: WG-11209162-070521-BP-007
Date Collected: 07/05/21 09:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,2'-oxybis[1-chloropropane]	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4-Dichlorophenol	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4-Dimethylphenol	25	U	25	2.5	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4-Dinitrophenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:42	1
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Chloronaphthalene	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Chlorophenol	25	U	25	2.7	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Methylnaphthalene	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Methylphenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Nitroaniline	50	U	50	2.1	ug/L		07/07/21 15:58	07/10/21 02:42	1
2-Nitrophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
3-Nitroaniline	50	U	50	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Chloroaniline	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Methylphenol	50	U	50	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Nitroaniline	50	U	50	1.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
4-Nitrophenol	50	U	50	7.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
Acenaphthene	25	U	25	2.1	ug/L		07/07/21 15:58	07/10/21 02:42	1
Acenaphthylene	25	U	25	1.9	ug/L		07/07/21 15:58	07/10/21 02:42	1
Anthracene	25	U	25	1.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzaldehyde	25	U	25	1.3	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzo[a]anthracene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzo[a]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		07/07/21 15:58	07/10/21 02:42	1
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		07/07/21 15:58	07/10/21 02:42	1
Butyl benzyl phthalate	25	U	25	5.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Carbazole	25	U	25	1.5	ug/L		07/07/21 15:58	07/10/21 02:42	1
Chrysene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:42	1
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		07/07/21 15:58	07/10/21 02:42	1
Dibenzofuran	50	U	50	2.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
Diethyl phthalate	25	U	25	1.1	ug/L		07/07/21 15:58	07/10/21 02:42	1
Dimethyl phthalate	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
Di-n-butyl phthalate	**2.1**	**J**	25	1.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
Di-n-octyl phthalate	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
Fluoranthene	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Fluorene	25	U	25	1.8	ug/L		07/07/21 15:58	07/10/21 02:42	1

Client Sample ID: WG-11209162-070521-BP-007

Date Collected: 07/05/21 09:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
Hexachlorobutadiene	25	U	25	3.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Hexachloroethane	25	U	25	3.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/10/21 02:42	1
Isophorone	25	U	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:42	1
Naphthalene	25	U	25	3.8	ug/L		07/07/21 15:58	07/10/21 02:42	1
Nitrobenzene	25	U	25	1.5	ug/L		07/07/21 15:58	07/10/21 02:42	1
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		07/07/21 15:58	07/10/21 02:42	1
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		07/07/21 15:58	07/10/21 02:42	1
Pentachlorophenol	50	U	50	11	ug/L		07/07/21 15:58	07/10/21 02:42	1
Phenanthrene	**2.8**	**J B**	25	2.2	ug/L		07/07/21 15:58	07/10/21 02:42	1
Phenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/10/21 02:42	1
Pyrene	25	U	25	1.7	ug/L		07/07/21 15:58	07/10/21 02:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*15*	*T J*	*ug/L*		*2.78*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Diisopropylamine	*280*	*T J N*	*ug/L*		*2.98*	*108-18-9*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*690*	*T J*	*ug/L*		*3.22*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*12*	*T J*	*ug/L*		*3.28*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Triethylamine	*120*	*T J N*	*ug/L*		*3.32*	*121-44-8*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Chloroiodomethane	*20*	*T J N*	*ug/L*		*3.88*	*593-71-5*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*180*	*T J*	*ug/L*		*5.11*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
column bleed	*12*	*T J*	*ug/L*		*7.12*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
column bleed	*9.9*	*T J*	*ug/L*		*8.00*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Talbutal	*30*	*T J N*	*ug/L*		*10.00*	*115-44-6*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*13*	*T J*	*ug/L*		*10.43*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Hexobarbital	*15*	*T J N*	*ug/L*		*10.58*	*56-29-1*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Mephobarbital	*45*	*T J N*	*ug/L*		*10.73*	*115-38-8*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Phenobarbital	*59*	*T J N*	*ug/L*		*10.96*	*50-06-6*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Cyclobarbital	*31*	*T J N*	*ug/L*		*11.00*	*52-31-3*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*88*	*T J*	*ug/L*		*11.34*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*24*	*T J*	*ug/L*		*11.92*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*45*	*T J*	*ug/L*		*12.33*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*12*	*T J*	*ug/L*		*14.03*		*07/07/21 15:58*	*07/10/21 02:42*	*1*
Unknown	*100*	*T J*	*ug/L*		*14.37*		*07/07/21 15:58*	*07/10/21 02:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*41 - 120*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
2-Fluorophenol (Surr)	*55*		*35 - 120*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 120*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
Phenol-d5 (Surr)	*37*		*22 - 120*	*07/07/21 15:58*	*07/10/21 02:42*	*1*
p-Terphenyl-d14 (Surr)	*81*		*60 - 148*	*07/07/21 15:58*	*07/10/21 02:42*	*1*

Client Sample ID: SW-11209162-070521-BP-008

Date Collected: 07/05/21 13:10
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	1.6	ug/L			07/07/21 15:18	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			07/07/21 15:18	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			07/07/21 15:18	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			07/07/21 15:18	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			07/07/21 15:18	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			07/07/21 15:18	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			07/07/21 15:18	2
2-Butanone (MEK)	**9.5**	**J**	20	2.6	ug/L			07/07/21 15:18	2
2-Hexanone	20	U	20	2.5	ug/L			07/07/21 15:18	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			07/07/21 15:18	2
Acetone	**15**	**J**	20	6.0	ug/L			07/07/21 15:18	2
Benzene	2.0	U	2.0	0.82	ug/L			07/07/21 15:18	2
Bromodichloromethane	10	U	10	0.78	ug/L			07/07/21 15:18	2
Bromoform	10	U	10	0.52	ug/L			07/07/21 15:18	2
Bromomethane	20	U	20	1.4	ug/L			07/07/21 15:18	2
Carbon disulfide	10	U	10	0.38	ug/L			07/07/21 15:18	2
Carbon tetrachloride	10	U	10	0.54	ug/L			07/07/21 15:18	2
Chlorobenzene	10	U	10	1.5	ug/L			07/07/21 15:18	2
Chloroethane	20	U	20	0.64	ug/L			07/07/21 15:18	2
Chloroform	10	U	10	0.68	ug/L			07/07/21 15:18	2
Chloromethane	20	U	20	0.70	ug/L			07/07/21 15:18	2
cis-1,2-Dichloroethene	**7.3**	**J**	10	1.6	ug/L			07/07/21 15:18	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			07/07/21 15:18	2
Dibromochloromethane	10	U	10	0.64	ug/L			07/07/21 15:18	2
Ethyl ether	20	U	20	1.4	ug/L			07/07/21 15:18	2
Ethylbenzene	10	U	10	1.5	ug/L			07/07/21 15:18	2
m&p-Xylene	10	U	10	1.3	ug/L			07/07/21 15:18	2
Methylene Chloride	**0.93**	**J**	10	0.88	ug/L			07/07/21 15:18	2
o-Xylene	10	U	10	1.5	ug/L			07/07/21 15:18	2
Styrene	10	U	10	1.5	ug/L			07/07/21 15:18	2
Tetrachloroethene	10	U	10	0.72	ug/L			07/07/21 15:18	2
Toluene	**6.4**	**J**	10	1.0	ug/L			07/07/21 15:18	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			07/07/21 15:18	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			07/07/21 15:18	2
Trichloroethene	10	U	10	0.92	ug/L			07/07/21 15:18	2
Vinyl chloride	**3.2**	**J**	20	1.8	ug/L			07/07/21 15:18	2
2-Methylthiophene	20	U	20	0.88	ug/L			07/07/21 15:18	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 15:18*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/07/21 15:18*	*2*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*07/07/21 15:18*	*2*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/07/21 15:18*	*2*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/07/21 15:18*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	200	U	200	8.8	ug/L		07/07/21 15:58	07/10/21 03:08	20

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: SW-11209162-070521-BP-008
Date Collected: 07/05/21 13:10
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	200	U	200	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
1,3-Dichlorobenzene	200	U	200	9.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
1,4-Dichlorobenzene	200	U	200	9.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,2'-oxybis[1-chloropropane]	100	U	100	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4,5-Trichlorophenol	100	U	100	9.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4,6-Trichlorophenol	100	U	100	12	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4-Dichlorophenol	100	U	100	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4-Dimethylphenol	100	U	100	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4-Dinitrophenol	200	U	200	44	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,4-Dinitrotoluene	100	U	100	8.9	ug/L		07/07/21 15:58	07/10/21 03:08	20
2,6-Dinitrotoluene	100	U	100	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Chloronaphthalene	100	U	100	9.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Chlorophenol	100	U	100	11	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Methylnaphthalene	100	U	100	12	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Methylphenol	100	U	100	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Nitroaniline	200	U	200	8.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
2-Nitrophenol	100	U	100	9.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
3,3'-Dichlorobenzidine	100	U	100	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
3-Nitroaniline	200	U	200	9.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
4,6-Dinitro-2-methylphenol	200	U	200	44	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Bromophenyl phenyl ether	100	U	100	9.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Chloro-3-methylphenol	100	U	100	9.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Chloroaniline	100	U	100	12	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Chlorophenyl phenyl ether	100	U	100	7.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Methylphenol	200	U	200	7.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Nitroaniline	200	U	200	5.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
4-Nitrophenol	200	U	200	30	ug/L		07/07/21 15:58	07/10/21 03:08	20
Acenaphthene	100	U	100	8.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
Acenaphthylene	100	U	100	7.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
Anthracene	100	U	100	5.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzaldehyde	100	U	100	5.3	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzo[a]anthracene	100	U	100	7.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzo[a]pyrene	100	U	100	9.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzo[b]fluoranthene	100	U	100	6.8	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzo[g,h,i]perylene	100	U	100	7.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
Benzo[k]fluoranthene	100	U	100	15	ug/L		07/07/21 15:58	07/10/21 03:08	20
Bis(2-chloroethoxy)methane	100	U	100	7.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
Bis(2-chloroethyl)ether	100	U	100	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
Bis(2-ethylhexyl) phthalate	100	U	100	44	ug/L		07/07/21 15:58	07/10/21 03:08	20
Butyl benzyl phthalate	100	U	100	20	ug/L		07/07/21 15:58	07/10/21 03:08	20
Carbazole	100	U	100	6.0	ug/L		07/07/21 15:58	07/10/21 03:08	20
Chrysene	100	U	100	6.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
Dibenz(a,h)anthracene	100	U	100	8.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
Dibenzofuran	200	U	200	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
Diethyl phthalate	100	U	100	4.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
Dimethyl phthalate	100	U	100	7.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
Di-n-butyl phthalate	100	U	100	6.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
Di-n-octyl phthalate	100	U	100	9.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
Fluoranthene	100	U	100	8.0	ug/L		07/07/21 15:58	07/10/21 03:08	20

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: SW-11209162-070521-BP-008
Date Collected: 07/05/21 13:10
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	100	U	100	7.2	ug/L		07/07/21 15:58	07/10/21 03:08	20
Hexachlorobenzene	100	U	100	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
Hexachlorobutadiene	100	U	100	14	ug/L		07/07/21 15:58	07/10/21 03:08	20
Hexachlorocyclopentadiene	100	U	100	12	ug/L		07/07/21 15:58	07/10/21 03:08	20
Hexachloroethane	100	U	100	12	ug/L		07/07/21 15:58	07/10/21 03:08	20
Indeno[1,2,3-cd]pyrene	100	U	100	9.4	ug/L		07/07/21 15:58	07/10/21 03:08	20
Isophorone	100	U	100	8.6	ug/L		07/07/21 15:58	07/10/21 03:08	20
Naphthalene	100	U	100	15	ug/L		07/07/21 15:58	07/10/21 03:08	20
Nitrobenzene	100	U	100	5.8	ug/L		07/07/21 15:58	07/10/21 03:08	20
N-Nitrosodi-n-propylamine	100	U	100	11	ug/L		07/07/21 15:58	07/10/21 03:08	20
N-Nitrosodiphenylamine	100	U	100	10	ug/L		07/07/21 15:58	07/10/21 03:08	20
Pentachlorophenol	200	U	200	44	ug/L		07/07/21 15:58	07/10/21 03:08	20
Phenanthrene	100	U	100	8.8	ug/L		07/07/21 15:58	07/10/21 03:08	20
Phenol	100	U	100	7.8	ug/L		07/07/21 15:58	07/10/21 03:08	20
Pyrene	100	U	100	6.8	ug/L		07/07/21 15:58	07/10/21 03:08	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*280*	*T J N*	*ug/L*		*2.95*	*110-82-7*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
Unknown	*250*	*T J*	*ug/L*		*3.14*		*07/07/21 15:58*	*07/10/21 03:08*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*136*	*S1+*	*41 - 120*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
2-Fluorobiphenyl	*100*		*48 - 120*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
2-Fluorophenol (Surr)	*81*		*35 - 120*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
Nitrobenzene-d5 (Surr)	*108*		*46 - 120*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
Phenol-d5 (Surr)	*56*		*22 - 120*	*07/07/21 15:58*	*07/10/21 03:08*	*20*
p-Terphenyl-d14 (Surr)	*82*		*60 - 148*	*07/07/21 15:58*	*07/10/21 03:08*	*20*

Client Sample ID: WG-11209162-070521-BP-009

Date Collected: 07/05/21 11:45
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/07/21 15:40	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 15:40	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/07/21 15:40	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/07/21 15:40	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/07/21 15:40	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 15:40	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/07/21 15:40	1
2-Butanone (MEK)	**5.9**	**J**	10	1.3	ug/L			07/07/21 15:40	1
2-Hexanone	10	U	10	1.2	ug/L			07/07/21 15:40	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/07/21 15:40	1
Acetone	10	U	10	3.0	ug/L			07/07/21 15:40	1
Benzene	1.0	U	1.0	0.41	ug/L			07/07/21 15:40	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/07/21 15:40	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/07/21 15:40	1
Bromomethane	10	U	10	0.69	ug/L			07/07/21 15:40	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/07/21 15:40	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/07/21 15:40	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/07/21 15:40	1
Chloroethane	10	U	10	0.32	ug/L			07/07/21 15:40	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/07/21 15:40	1
Chloromethane	10	U	10	0.35	ug/L			07/07/21 15:40	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/07/21 15:40	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/07/21 15:40	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/07/21 15:40	1
Ethyl ether	**160**	**E**	10	0.72	ug/L			07/07/21 15:40	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/07/21 15:40	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/07/21 15:40	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/07/21 15:40	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/07/21 15:40	1
Styrene	5.0	U	5.0	0.73	ug/L			07/07/21 15:40	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/07/21 15:40	1
Toluene	**2.0**	**J**	5.0	0.51	ug/L			07/07/21 15:40	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/07/21 15:40	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/07/21 15:40	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/07/21 15:40	1
Vinyl chloride	10	U	10	0.90	ug/L			07/07/21 15:40	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/07/21 15:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 15:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/07/21 15:40*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*07/07/21 15:40*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/07/21 15:40*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/07/21 15:40*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	20	U	20	3.3	ug/L			07/08/21 12:42	4

Client Sample ID: WG-11209162-070521-BP-009

Lab Sample ID: 480-186860-4

Date Collected: 07/05/21 11:45
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	20	U	20	0.84	ug/L			07/08/21 12:42	4
1,1,2-Trichloroethane	20	U	20	0.92	ug/L			07/08/21 12:42	4
1,1-Dichloroethane	20	U	20	1.5	ug/L			07/08/21 12:42	4
1,1-Dichloroethene	20	U	20	1.2	ug/L			07/08/21 12:42	4
1,2-Dichloroethane	20	U	20	0.84	ug/L			07/08/21 12:42	4
1,2-Dichloropropane	20	U	20	2.9	ug/L			07/08/21 12:42	4
2-Butanone (MEK)	**5.9**	**J**	40	5.3	ug/L			07/08/21 12:42	4
2-Hexanone	40	U	40	5.0	ug/L			07/08/21 12:42	4
4-Methyl-2-pentanone (MIBK)	40	U	40	8.4	ug/L			07/08/21 12:42	4
Acetone	40	U	40	12	ug/L			07/08/21 12:42	4
Benzene	4.0	U	4.0	1.6	ug/L			07/08/21 12:42	4
Bromodichloromethane	20	U	20	1.6	ug/L			07/08/21 12:42	4
Bromoform	20	U	20	1.0	ug/L			07/08/21 12:42	4
Bromomethane	40	U	40	2.8	ug/L			07/08/21 12:42	4
Carbon disulfide	20	U	20	0.76	ug/L			07/08/21 12:42	4
Carbon tetrachloride	20	U	20	1.1	ug/L			07/08/21 12:42	4
Chlorobenzene	20	U	20	3.0	ug/L			07/08/21 12:42	4
Chloroethane	40	U	40	1.3	ug/L			07/08/21 12:42	4
Chloroform	20	U	20	1.4	ug/L			07/08/21 12:42	4
Chloromethane	40	U	40	1.4	ug/L			07/08/21 12:42	4
cis-1,2-Dichloroethene	20	U	20	3.2	ug/L			07/08/21 12:42	4
cis-1,3-Dichloropropene	20	U	20	1.4	ug/L			07/08/21 12:42	4
Dibromochloromethane	20	U	20	1.3	ug/L			07/08/21 12:42	4
Ethyl ether	**160**		40	2.9	ug/L			07/08/21 12:42	4
Ethylbenzene	20	U	20	3.0	ug/L			07/08/21 12:42	4
m&p-Xylene	20	U	20	2.6	ug/L			07/08/21 12:42	4
Methylene Chloride	20	U	20	1.8	ug/L			07/08/21 12:42	4
o-Xylene	20	U	20	3.0	ug/L			07/08/21 12:42	4
Styrene	20	U	20	2.9	ug/L			07/08/21 12:42	4
Tetrachloroethene	20	U	20	1.4	ug/L			07/08/21 12:42	4
Toluene	**2.1**	**J**	20	2.0	ug/L			07/08/21 12:42	4
trans-1,2-Dichloroethene	20	U	20	3.6	ug/L			07/08/21 12:42	4
trans-1,3-Dichloropropene	20	U	20	1.5	ug/L			07/08/21 12:42	4
Trichloroethene	20	U	20	1.8	ug/L			07/08/21 12:42	4
Vinyl chloride	40	U	40	3.6	ug/L			07/08/21 12:42	4
2-Methylthiophene	40	U	40	1.8	ug/L			07/08/21 12:42	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/08/21 12:42*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/08/21 12:42*	*4*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*07/08/21 12:42*	*4*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/08/21 12:42*	*4*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/21 12:42*	*4*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/07/21 15:58	07/12/21 22:31	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-070521-BP-009
Date Collected: 07/05/21 11:45
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/07/21 15:58	07/12/21 22:31	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/12/21 22:31	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Nitroaniline	10	U	10	0.42	ug/L		07/07/21 15:58	07/12/21 22:31	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/07/21 15:58	07/12/21 22:31	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1
3-Nitroaniline	10	U	10	0.48	ug/L		07/07/21 15:58	07/12/21 22:31	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Methylphenol	10	U	10	0.36	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Nitroaniline	10	U	10	0.25	ug/L		07/07/21 15:58	07/12/21 22:31	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/07/21 15:58	07/12/21 22:31	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/07/21 15:58	07/12/21 22:31	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/07/21 15:58	07/12/21 22:31	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/12/21 22:31	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/07/21 15:58	07/12/21 22:31	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/12/21 22:31	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/07/21 15:58	07/12/21 22:31	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/07/21 15:58	07/12/21 22:31	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/07/21 15:58	07/12/21 22:31	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/07/21 15:58	07/12/21 22:31	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/07/21 15:58	07/12/21 22:31	1
Dibenzofuran	10	U	10	0.51	ug/L		07/07/21 15:58	07/12/21 22:31	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		07/07/21 15:58	07/12/21 22:31	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/12/21 22:31	1
Di-n-butyl phthalate	**0.51**	**J**	5.0	0.31	ug/L		07/07/21 15:58	07/12/21 22:31	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/12/21 22:31	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/12/21 22:31	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/12/21 22:31	1

Client Sample ID: WG-11209162-070521-BP-009

Lab Sample ID: 480-186860-4

Date Collected: 07/05/21 11:45
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/12/21 22:31	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/07/21 15:58	07/12/21 22:31	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/12/21 22:31	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/12/21 22:31	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/12/21 22:31	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/07/21 15:58	07/12/21 22:31	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/07/21 15:58	07/12/21 22:31	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/07/21 15:58	07/12/21 22:31	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/07/21 15:58	07/12/21 22:31	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/12/21 22:31	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/12/21 22:31	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/07/21 15:58	07/12/21 22:31	1
Phenol	5.0	U	5.0	0.39	ug/L		07/07/21 15:58	07/12/21 22:31	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/07/21 15:58	07/12/21 22:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Diisopropylamine	*220*	*T J N*	*ug/L*		*2.99*	*108-18-9*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*160*	*T J*	*ug/L*		*3.25*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*5.6*	*T J*	*ug/L*		*3.30*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Triethylamine	*43*	*T J N*	*ug/L*		*3.33*	*121-44-8*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
column bleed	*7.1*	*T J*	*ug/L*		*4.83*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*38*	*T J*	*ug/L*		*5.11*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*200*	*T J*	*ug/L*		*6.17*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
column bleed	*80*	*T J*	*ug/L*		*7.12*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
column bleed	*10*	*T J*	*ug/L*		*8.00*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Talbutal	*7.8*	*T J N*	*ug/L*		*10.00*	*115-44-6*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Mephobarbital	*19*	*T J N*	*ug/L*		*10.73*	*115-38-8*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Phenobarbital	*18*	*T J N*	*ug/L*		*10.97*	*50-06-6*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*6.0*	*T J*	*ug/L*		*11.00*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*35*	*T J*	*ug/L*		*11.37*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*6.9*	*T J*	*ug/L*		*11.92*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*8.6*	*T J*	*ug/L*		*13.53*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*49*	*T J*	*ug/L*		*14.38*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Unknown	*54*	*T J*	*ug/L*		*15.85*		*07/07/21 15:58*	*07/12/21 22:31*	*1*
Cholestan-3-ol, (3.alpha.,5.beta.)-	*9.7*	*T J N*	*ug/L*		*16.20*	*516-92-7*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
17-(1,5-Dimethylhexyl)-10,13-dimethylhexadecahydrocyclopenta	*23*	*T J N*	*ug/L*		*16.38*	*1000210-43-4*	*07/07/21 15:58*	*07/12/21 22:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*41 - 120*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
2-Fluorophenol (Surr)	*72*		*35 - 120*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
Phenol-d5 (Surr)	*52*		*22 - 120*	*07/07/21 15:58*	*07/12/21 22:31*	*1*
p-Terphenyl-d14 (Surr)	*87*		*60 - 148*	*07/07/21 15:58*	*07/12/21 22:31*	*1*

Client Sample ID: SW-11209162-070521-BP-010

Lab Sample ID: 480-186860-5

Date Collected: 07/05/21 13:00
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	1.6	ug/L			07/07/21 16:01	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			07/07/21 16:01	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			07/07/21 16:01	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			07/07/21 16:01	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			07/07/21 16:01	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			07/07/21 16:01	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			07/07/21 16:01	2
2-Butanone (MEK)	**6.9**	**J**	20	2.6	ug/L			07/07/21 16:01	2
2-Hexanone	20	U	20	2.5	ug/L			07/07/21 16:01	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			07/07/21 16:01	2
Acetone	**12**	**J**	20	6.0	ug/L			07/07/21 16:01	2
Benzene	2.0	U	2.0	0.82	ug/L			07/07/21 16:01	2
Bromodichloromethane	10	U	10	0.78	ug/L			07/07/21 16:01	2
Bromoform	10	U	10	0.52	ug/L			07/07/21 16:01	2
Bromomethane	20	U	20	1.4	ug/L			07/07/21 16:01	2
Carbon disulfide	**1.2**	**J**	10	0.38	ug/L			07/07/21 16:01	2
Carbon tetrachloride	10	U	10	0.54	ug/L			07/07/21 16:01	2
Chlorobenzene	10	U	10	1.5	ug/L			07/07/21 16:01	2
Chloroethane	20	U	20	0.64	ug/L			07/07/21 16:01	2
Chloroform	10	U	10	0.68	ug/L			07/07/21 16:01	2
Chloromethane	20	U	20	0.70	ug/L			07/07/21 16:01	2
cis-1,2-Dichloroethene	**7.9**	**J**	10	1.6	ug/L			07/07/21 16:01	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			07/07/21 16:01	2
Dibromochloromethane	10	U	10	0.64	ug/L			07/07/21 16:01	2
Ethyl ether	20	U	20	1.4	ug/L			07/07/21 16:01	2
Ethylbenzene	10	U	10	1.5	ug/L			07/07/21 16:01	2
m&p-Xylene	10	U	10	1.3	ug/L			07/07/21 16:01	2
Methylene Chloride	10	U	10	0.88	ug/L			07/07/21 16:01	2
o-Xylene	10	U	10	1.5	ug/L			07/07/21 16:01	2
Styrene	10	U	10	1.5	ug/L			07/07/21 16:01	2
Tetrachloroethene	10	U	10	0.72	ug/L			07/07/21 16:01	2
Toluene	**7.3**	**J**	10	1.0	ug/L			07/07/21 16:01	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			07/07/21 16:01	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			07/07/21 16:01	2
Trichloroethene	10	U	10	0.92	ug/L			07/07/21 16:01	2
Vinyl chloride	**3.8**	**J**	20	1.8	ug/L			07/07/21 16:01	2
2-Methylthiophene	20	U	20	0.88	ug/L			07/07/21 16:01	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 16:01*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/07/21 16:01*	*2*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*07/07/21 16:01*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/07/21 16:01*	*2*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/07/21 16:01*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	50	U	50	2.2	ug/L		07/07/21 15:58	07/12/21 22:58	5

Client Sample ID: SW-11209162-070521-BP-010
Date Collected: 07/05/21 13:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	50	U	50	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,2'-oxybis[1-chloropropane]	25	U	25	2.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4-Dichlorophenol	25	U	25	2.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4-Dimethylphenol	25	U	25	2.5	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4-Dinitrophenol	50	U	50	11	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		07/07/21 15:58	07/12/21 22:58	5
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Chloronaphthalene	25	U	25	2.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Chlorophenol	25	U	25	2.7	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Methylnaphthalene	25	U	25	3.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Methylphenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Nitroaniline	50	U	50	2.1	ug/L		07/07/21 15:58	07/12/21 22:58	5
2-Nitrophenol	25	U	25	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
3-Nitroaniline	50	U	50	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Chloroaniline	25	U	25	3.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Methylphenol	**5.7**	**J**	50	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Nitroaniline	50	U	50	1.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
4-Nitrophenol	50	U	50	7.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
Acenaphthene	25	U	25	2.1	ug/L		07/07/21 15:58	07/12/21 22:58	5
Acenaphthylene	25	U	25	1.9	ug/L		07/07/21 15:58	07/12/21 22:58	5
Anthracene	25	U	25	1.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzaldehyde	25	U	25	1.3	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzo[a]anthracene	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzo[a]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		07/07/21 15:58	07/12/21 22:58	5
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		07/07/21 15:58	07/12/21 22:58	5
Butyl benzyl phthalate	25	U	25	5.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
Carbazole	25	U	25	1.5	ug/L		07/07/21 15:58	07/12/21 22:58	5
Chrysene	25	U	25	1.7	ug/L		07/07/21 15:58	07/12/21 22:58	5
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		07/07/21 15:58	07/12/21 22:58	5
Dibenzofuran	50	U	50	2.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
Diethyl phthalate	25	U	25	1.1	ug/L		07/07/21 15:58	07/12/21 22:58	5
Dimethyl phthalate	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Di-n-butyl phthalate	25	U	25	1.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
Di-n-octyl phthalate	25	U	25	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
Fluoranthene	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5

Client Sample ID: SW-11209162-070521-BP-010
Date Collected: 07/05/21 13:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	25	U	25	1.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Hexachlorobenzene	25	U	25	2.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
Hexachlorobutadiene	25	U	25	3.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
Hexachloroethane	25	U	25	3.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		07/07/21 15:58	07/12/21 22:58	5
Isophorone	25	U	25	2.2	ug/L		07/07/21 15:58	07/12/21 22:58	5
Naphthalene	25	U	25	3.8	ug/L		07/07/21 15:58	07/12/21 22:58	5
Nitrobenzene	25	U	25	1.5	ug/L		07/07/21 15:58	07/12/21 22:58	5
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		07/07/21 15:58	07/12/21 22:58	5
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		07/07/21 15:58	07/12/21 22:58	5
Pentachlorophenol	50	U	50	11	ug/L		07/07/21 15:58	07/12/21 22:58	5
Phenanthrene	25	U	25	2.2	ug/L		07/07/21 15:58	07/12/21 22:58	5
Phenol	25	U	25	2.0	ug/L		07/07/21 15:58	07/12/21 22:58	5
Pyrene	25	U	25	1.7	ug/L		07/07/21 15:58	07/12/21 22:58	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*81*	*T J N*	*ug/L*		*2.95*	*110-82-7*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*200*	*T J*	*ug/L*		*3.15*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*15*	*T J*	*ug/L*		*4.93*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*61*	*T J*	*ug/L*		*5.09*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*15*	*T J*	*ug/L*		*8.14*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Heptadecane	*13*	*T J N*	*ug/L*		*9.79*	*629-78-7*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*9.6*	*T J*	*ug/L*		*10.98*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*16*	*T J*	*ug/L*		*11.37*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*24*	*T J*	*ug/L*		*11.93*		*07/07/21 15:58*	*07/12/21 22:58*	*5*
Unknown	*30*	*T J*	*ug/L*		*12.38*		*07/07/21 15:58*	*07/12/21 22:58*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*	*S1+*	*41 - 120*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
2-Fluorobiphenyl	*98*		*48 - 120*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
2-Fluorophenol (Surr)	*75*		*35 - 120*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
Nitrobenzene-d5 (Surr)	*93*		*46 - 120*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
Phenol-d5 (Surr)	*53*		*22 - 120*	*07/07/21 15:58*	*07/12/21 22:58*	*5*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*07/07/21 15:58*	*07/12/21 22:58*	*5*

Client Sample ID: SW-11209162-070521-BP-011

Lab Sample ID: 480-186860-6

Date Collected: 07/05/21 14:00
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	1.6	ug/L			07/07/21 16:23	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			07/07/21 16:23	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			07/07/21 16:23	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			07/07/21 16:23	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			07/07/21 16:23	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			07/07/21 16:23	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			07/07/21 16:23	2
2-Butanone (MEK)	**7.1**	**J**	20	2.6	ug/L			07/07/21 16:23	2
2-Hexanone	20	U	20	2.5	ug/L			07/07/21 16:23	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			07/07/21 16:23	2
Acetone	**11**	**J**	20	6.0	ug/L			07/07/21 16:23	2
Benzene	2.0	U	2.0	0.82	ug/L			07/07/21 16:23	2
Bromodichloromethane	10	U	10	0.78	ug/L			07/07/21 16:23	2
Bromoform	10	U	10	0.52	ug/L			07/07/21 16:23	2
Bromomethane	20	U	20	1.4	ug/L			07/07/21 16:23	2
Carbon disulfide	**0.77**	**J**	10	0.38	ug/L			07/07/21 16:23	2
Carbon tetrachloride	10	U	10	0.54	ug/L			07/07/21 16:23	2
Chlorobenzene	10	U	10	1.5	ug/L			07/07/21 16:23	2
Chloroethane	20	U	20	0.64	ug/L			07/07/21 16:23	2
Chloroform	10	U	10	0.68	ug/L			07/07/21 16:23	2
Chloromethane	20	U	20	0.70	ug/L			07/07/21 16:23	2
cis-1,2-Dichloroethene	**7.6**	**J**	10	1.6	ug/L			07/07/21 16:23	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			07/07/21 16:23	2
Dibromochloromethane	10	U	10	0.64	ug/L			07/07/21 16:23	2
Ethyl ether	20	U	20	1.4	ug/L			07/07/21 16:23	2
Ethylbenzene	10	U	10	1.5	ug/L			07/07/21 16:23	2
m&p-Xylene	10	U	10	1.3	ug/L			07/07/21 16:23	2
Methylene Chloride	10	U	10	0.88	ug/L			07/07/21 16:23	2
o-Xylene	10	U	10	1.5	ug/L			07/07/21 16:23	2
Styrene	10	U	10	1.5	ug/L			07/07/21 16:23	2
Tetrachloroethene	10	U	10	0.72	ug/L			07/07/21 16:23	2
Toluene	**6.9**	**J**	10	1.0	ug/L			07/07/21 16:23	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			07/07/21 16:23	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			07/07/21 16:23	2
Trichloroethene	10	U	10	0.92	ug/L			07/07/21 16:23	2
Vinyl chloride	**3.6**	**J**	20	1.8	ug/L			07/07/21 16:23	2
2-Methylthiophene	20	U	20	0.88	ug/L			07/07/21 16:23	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 16:23*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/07/21 16:23*	*2*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*07/07/21 16:23*	*2*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/07/21 16:23*	*2*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/07/21 16:23*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	200	U	200	8.8	ug/L		07/07/21 15:58	07/09/21 21:27	20

Client Sample ID: SW-11209162-070521-BP-011

Lab Sample ID: 480-186860-6

Date Collected: 07/05/21 14:00
Matrix: Water
Date Received: 07/07/21 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	200	U	200	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
1,3-Dichlorobenzene	200	U	200	9.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
1,4-Dichlorobenzene	200	U	200	9.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,2'-oxybis[1-chloropropane]	100	U	100	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4,5-Trichlorophenol	100	U	100	9.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4,6-Trichlorophenol	100	U	100	12	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4-Dichlorophenol	100	U	100	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4-Dimethylphenol	100	U	100	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4-Dinitrophenol	200	U F1	200	44	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,4-Dinitrotoluene	100	U F1	100	8.9	ug/L		07/07/21 15:58	07/09/21 21:27	20
2,6-Dinitrotoluene	100	U	100	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Chloronaphthalene	100	U	100	9.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Chlorophenol	100	U	100	11	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Methylnaphthalene	100	U	100	12	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Methylphenol	100	U	100	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Nitroaniline	200	U	200	8.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
2-Nitrophenol	100	U	100	9.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
3,3'-Dichlorobenzidine	100	U	100	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
3-Nitroaniline	200	U	200	9.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
4,6-Dinitro-2-methylphenol	200	U F1	200	44	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Bromophenyl phenyl ether	100	U	100	9.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Chloro-3-methylphenol	100	U	100	9.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Chloroaniline	100	U	100	12	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Chlorophenyl phenyl ether	100	U	100	7.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Methylphenol	**13**	**J F1**	200	7.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Nitroaniline	200	U	200	5.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
4-Nitrophenol	200	U	200	30	ug/L		07/07/21 15:58	07/09/21 21:27	20
Acenaphthene	100	U	100	8.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
Acenaphthylene	100	U	100	7.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
Anthracene	100	U	100	5.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzaldehyde	100	U	100	5.3	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzo[a]anthracene	100	U F2	100	7.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzo[a]pyrene	100	U F2	100	9.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzo[b]fluoranthene	100	U	100	6.8	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzo[g,h,i]perylene	100	U F2	100	7.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
Benzo[k]fluoranthene	100	U	100	15	ug/L		07/07/21 15:58	07/09/21 21:27	20
Bis(2-chloroethoxy)methane	100	U	100	7.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
Bis(2-chloroethyl)ether	100	U	100	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
Bis(2-ethylhexyl) phthalate	100	U	100	44	ug/L		07/07/21 15:58	07/09/21 21:27	20
Butyl benzyl phthalate	100	U	100	20	ug/L		07/07/21 15:58	07/09/21 21:27	20
Carbazole	100	U	100	6.0	ug/L		07/07/21 15:58	07/09/21 21:27	20
Chrysene	100	U F2	100	6.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
Dibenz(a,h)anthracene	100	U F2	100	8.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
Dibenzofuran	200	U	200	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
Diethyl phthalate	100	U F2	100	4.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
Dimethyl phthalate	100	U F2	100	7.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
Di-n-butyl phthalate	100	U	100	6.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
Di-n-octyl phthalate	100	U	100	9.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
Fluoranthene	100	U	100	8.0	ug/L		07/07/21 15:58	07/09/21 21:27	20

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: SW-11209162-070521-BP-011
Date Collected: 07/05/21 14:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	100	U	100	7.2	ug/L		07/07/21 15:58	07/09/21 21:27	20
Hexachlorobenzene	100	U	100	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
Hexachlorobutadiene	100	U	100	14	ug/L		07/07/21 15:58	07/09/21 21:27	20
Hexachlorocyclopentadiene	100	U	100	12	ug/L		07/07/21 15:58	07/09/21 21:27	20
Hexachloroethane	100	U	100	12	ug/L		07/07/21 15:58	07/09/21 21:27	20
Indeno[1,2,3-cd]pyrene	100	U F2	100	9.4	ug/L		07/07/21 15:58	07/09/21 21:27	20
Isophorone	100	U	100	8.6	ug/L		07/07/21 15:58	07/09/21 21:27	20
Naphthalene	100	U	100	15	ug/L		07/07/21 15:58	07/09/21 21:27	20
Nitrobenzene	100	U	100	5.8	ug/L		07/07/21 15:58	07/09/21 21:27	20
N-Nitrosodi-n-propylamine	100	U	100	11	ug/L		07/07/21 15:58	07/09/21 21:27	20
N-Nitrosodiphenylamine	100	U F2	100	10	ug/L		07/07/21 15:58	07/09/21 21:27	20
Pentachlorophenol	200	U	200	44	ug/L		07/07/21 15:58	07/09/21 21:27	20
Phenanthrene	100	U	100	8.8	ug/L		07/07/21 15:58	07/09/21 21:27	20
Phenol	100	U	100	7.8	ug/L		07/07/21 15:58	07/09/21 21:27	20
Pyrene	100	U F2	100	6.8	ug/L		07/07/21 15:58	07/09/21 21:27	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*280*	*T J N*	*ug/L*		*2.95*	*110-82-7*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
Unknown	*210*	*T J*	*ug/L*		*3.14*		*07/07/21 15:58*	*07/09/21 21:27*	*20*
Unknown	*51*	*T J*	*ug/L*		*5.08*		*07/07/21 15:58*	*07/09/21 21:27*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*140*	*S1+*	*41 - 120*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
2-Fluorobiphenyl	*85*		*48 - 120*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
2-Fluorophenol (Surr)	*60*		*35 - 120*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
Nitrobenzene-d5 (Surr)	*98*		*46 - 120*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
Phenol-d5 (Surr)	*43*		*22 - 120*	*07/07/21 15:58*	*07/09/21 21:27*	*20*
p-Terphenyl-d14 (Surr)	*67*		*60 - 148*	*07/07/21 15:58*	*07/09/21 21:27*	*20*

Client Sample ID: TRIP BLANK

Date Collected: 07/05/21 00:00
Date Received: 07/07/21 08:00

Lab Sample ID: 480-186860-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/07/21 17:23	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 17:23	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/07/21 17:23	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/07/21 17:23	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/07/21 17:23	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 17:23	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/07/21 17:23	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/07/21 17:23	1
2-Hexanone	10	U	10	1.2	ug/L			07/07/21 17:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/07/21 17:23	1
Acetone	10	U	10	3.0	ug/L			07/07/21 17:23	1
Benzene	1.0	U	1.0	0.41	ug/L			07/07/21 17:23	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/07/21 17:23	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/07/21 17:23	1
Bromomethane	10	U	10	0.69	ug/L			07/07/21 17:23	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/07/21 17:23	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/07/21 17:23	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/07/21 17:23	1
Chloroethane	10	U	10	0.32	ug/L			07/07/21 17:23	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/07/21 17:23	1
Chloromethane	10	U	10	0.35	ug/L			07/07/21 17:23	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/07/21 17:23	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/07/21 17:23	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/07/21 17:23	1
Ethyl ether	10	U	10	0.72	ug/L			07/07/21 17:23	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/07/21 17:23	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/07/21 17:23	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/07/21 17:23	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/07/21 17:23	1
Styrene	5.0	U	5.0	0.73	ug/L			07/07/21 17:23	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/07/21 17:23	1
Toluene	5.0	U	5.0	0.51	ug/L			07/07/21 17:23	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/07/21 17:23	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/07/21 17:23	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/07/21 17:23	1
Vinyl chloride	10	U	10	0.90	ug/L			07/07/21 17:23	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/07/21 17:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 17:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/07/21 17:23*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/07/21 17:23*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/07/21 17:23*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/07/21 17:23*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-001
Date Collected: 07/21/21 08:00
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-1
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.1		0.44	0.22	ug/L		07/22/21 16:12	07/23/21 14:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*15 - 110*	*07/22/21 16:12*	*07/23/21 14:45*	*1*

Client Sample ID: WG-11209162-072121-BP-002
Lab Sample ID: 480-187531-2
Date Collected: 07/21/21 09:00
Matrix: Water
Date Received: 07/22/21 08:00

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		07/22/21 16:12	07/23/21 16:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*18*		*15 - 110*	*07/22/21 16:12*	*07/23/21 16:44*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-003
Date Collected: 07/21/21 10:30
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-3
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.67	0.33	ug/L		07/22/21 16:12	07/23/21 17:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*15 - 110*	*07/22/21 16:12*	*07/23/21 17:07*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-004
Date Collected: 07/21/21 10:45
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-4
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.67	0.33	ug/L		07/22/21 16:12	07/23/21 17:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*15 - 110*	*07/22/21 16:12*	*07/23/21 17:31*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-005
Date Collected: 07/21/21 13:00
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-5
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.67	0.33	ug/L		07/22/21 16:12	07/23/21 17:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*15 - 110*	*07/22/21 16:12*	*07/23/21 17:55*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-006
Date Collected: 07/21/21 14:45
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-6
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.67	0.33	ug/L		07/22/21 16:12	07/23/21 18:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*19*		*15 - 110*	*07/22/21 16:12*	*07/23/21 18:19*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-1120982-072221-BP-007
Date Collected: 07/21/21 10:00
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-7
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.7		0.20	0.10	ug/L		07/22/21 16:12	07/23/21 18:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*15 - 110*	*07/22/21 16:12*	*07/23/21 18:43*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-1120982-072221-BP-008
Date Collected: 07/21/21 12:00
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-8
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1		0.20	0.10	ug/L		07/22/21 16:12	07/23/21 19:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*15 - 110*	*07/22/21 16:12*	*07/23/21 19:06*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-1120982-072221-BP-009
Date Collected: 07/21/21 13:45
Date Received: 07/22/21 08:00

Lab Sample ID: 480-187531-9
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L		07/22/21 16:12	07/23/21 19:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*15 - 110*	*07/22/21 16:12*	*07/23/21 19:30*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-186822-1	WG-11209162-070221-BP-001	91	104	99	93
480-186822-2	WG-11209162-070221-BP-002	91	105	100	91
480-186822-3	WG-11209162-070221-BP-003	87	104	95	88
480-186822-4	WG-11209162-070221-BP-004	93	108	98	91
480-186822-5	WG-11209162-070221-BP-005	92	107	98	91
480-186822-6	TRIP BLANK	88	106	94	94
480-186860-1	WG-11209162-070521-BP-006	98	86	100	91
480-186860-2	WG-11209162-070521-BP-007	98	84	101	92
480-186860-2 - DL	WG-11209162-070521-BP-007	101	88	103	93
480-186860-3	SW-11209162-070521-BP-008	99	88	105	93
480-186860-4	WG-11209162-070521-BP-009	101	88	105	94
480-186860-4 - DL	WG-11209162-070521-BP-009	100	100	102	98
480-186860-5	SW-11209162-070521-BP-010	97	81	102	93
480-186860-6	SW-11209162-070521-BP-011	102	86	107	92
480-186860-6 MS	SW-11209162-070521-BP-011	96	103	101	98
480-186860-6 MSD	SW-11209162-070521-BP-011	96	99	99	98
480-186860-7	TRIP BLANK	109	98	102	102
LCS 480-588064/5	Lab Control Sample	87	107	97	92
LCS 480-588217/5	Lab Control Sample	95	98	101	98
LCS 480-588224/7	Lab Control Sample	106	105	101	102
LCS 480-588367/5	Lab Control Sample	94	95	99	96
MB 480-588064/7	Method Blank	89	106	96	93
MB 480-588217/7	Method Blank	97	95	103	98
MB 480-588224/9	Method Blank	110	103	105	104
MB 480-588367/7	Method Blank	97	86	100	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
480-186822-1	WG-11209162-070221-BP-001	97	93	72	88	52	88
480-186822-2	WG-11209162-070221-BP-002	101	99	75	88	54	98
480-186822-3	WG-11209162-070221-BP-003	67	72	50	63	36	64
480-186822-4	WG-11209162-070221-BP-004	104	102	78	92	59	99
480-186822-5	WG-11209162-070221-BP-005	102	99	75	88	56	94
480-186860-1	WG-11209162-070521-BP-006	95	104	78	94	55	113
480-186860-2	WG-11209162-070521-BP-007	84	79	55	70	37	81
480-186860-3	SW-11209162-070521-BP-008	136 S1+	100	81	108	56	82
480-186860-4	WG-11209162-070521-BP-009	105	97	72	88	52	87
480-186860-5	SW-11209162-070521-BP-010	121 S1+	98	75	93	53	72
480-186860-6	SW-11209162-070521-BP-011	140 S1+	85	60	98	43	67
480-186860-6 MS	SW-11209162-070521-BP-011	147 S1+	95	80	117	62	79

Surrogate Summary

Client: GHD Services Inc. Job ID: 480-186822-1
Project/Site: Sterling Site #3 Annual Groundwater SDG: 480-186822-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)		
480-186860-6 MSD	SW-11209162-070521-BP-011	131 S1+	77	65	99	52	71		
LCS 480-588327/2-A	Lab Control Sample	102	87	72	87	55	95		
LCS 480-588590/2-A	Lab Control Sample	89	79	64	76	52	88		
LCSD 480-588590/3-A	Lab Control Sample Dup	102	91	69	88	56	100		
MB 480-588327/1-A	Method Blank	82	92	72	82	50	103		
MB 480-588590/1-A	Method Blank	84	96	72	85	54	105		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DXE (15-110)
480-187531-1	WG-11209162-072121-BP-001	34
480-187531-1 MS	WG-11209162-072121-BP-001	36
480-187531-1 MSD	WG-11209162-072121-BP-001	40
480-187531-2	WG-11209162-072121-BP-002	18
480-187531-3	WG-11209162-072121-BP-003	25
480-187531-4	WG-11209162-072121-BP-004	25
480-187531-5	WG-11209162-072121-BP-005	22
480-187531-6	WG-11209162-072121-BP-006	19
480-187531-7	WG-1120982-072221-BP-007	23
480-187531-8	WG-1120982-072221-BP-008	20
480-187531-9	WG-1120982-072221-BP-009	34
LCS 480-590126/2-A	Lab Control Sample	23
MB 480-590126/1-A	Method Blank	21

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-588064/7
Matrix: Water
Analysis Batch: 588064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/06/21 11:22	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 11:22	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/06/21 11:22	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/06/21 11:22	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/06/21 11:22	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/06/21 11:22	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/06/21 11:22	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/06/21 11:22	1
2-Hexanone	10	U	10	1.2	ug/L			07/06/21 11:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/06/21 11:22	1
Acetone	10	U	10	3.0	ug/L			07/06/21 11:22	1
Benzene	1.0	U	1.0	0.41	ug/L			07/06/21 11:22	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/06/21 11:22	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/06/21 11:22	1
Bromomethane	10	U	10	0.69	ug/L			07/06/21 11:22	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/06/21 11:22	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/06/21 11:22	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/06/21 11:22	1
Chloroethane	10	U	10	0.32	ug/L			07/06/21 11:22	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/06/21 11:22	1
Chloromethane	10	U	10	0.35	ug/L			07/06/21 11:22	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/06/21 11:22	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/06/21 11:22	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/06/21 11:22	1
Ethyl ether	10	U	10	0.72	ug/L			07/06/21 11:22	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/06/21 11:22	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/06/21 11:22	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/06/21 11:22	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/06/21 11:22	1
Styrene	5.0	U	5.0	0.73	ug/L			07/06/21 11:22	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/06/21 11:22	1
Toluene	5.0	U	5.0	0.51	ug/L			07/06/21 11:22	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/06/21 11:22	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/06/21 11:22	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/06/21 11:22	1
Vinyl chloride	10	U	10	0.90	ug/L			07/06/21 11:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/06/21 11:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*07/06/21 11:22*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/06/21 11:22*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*07/06/21 11:22*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/06/21 11:22*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-588064/5
Matrix: Water
Analysis Batch: 588064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			25.0	21.1		ug/L		84	73 - 126		
1,1,2,2-Tetrachloroethane			25.0	22.7		ug/L		91	76 - 120		
1,1,2-Trichloroethane			25.0	23.5		ug/L		94	76 - 122		
1,1-Dichloroethane			25.0	21.8		ug/L		87	77 - 120		
1,1-Dichloroethene			25.0	24.0		ug/L		96	66 - 127		
1,2-Dichloroethane			25.0	21.1		ug/L		84	75 - 120		
1,2-Dichloropropane			25.0	21.7		ug/L		87	76 - 120		
2-Butanone (MEK)			125	117		ug/L		94	57 - 140		
2-Hexanone			125	111		ug/L		89	65 - 127		
4-Methyl-2-pentanone (MIBK)			125	115		ug/L		92	71 - 125		
Acetone			125	107		ug/L		86	56 - 142		
Benzene			25.0	22.4		ug/L		90	71 - 124		
Bromodichloromethane			25.0	22.9		ug/L		92	80 - 122		
Bromoform			25.0	25.1		ug/L		100	61 - 132		
Bromomethane			25.0	23.6		ug/L		95	55 - 144		
Carbon disulfide			25.0	22.5		ug/L		90	59 - 134		
Carbon tetrachloride			25.0	22.9		ug/L		91	72 - 134		
Chlorobenzene			25.0	23.9		ug/L		96	80 - 120		
Chloroethane			25.0	25.6		ug/L		102	69 - 136		
Chloroform			25.0	20.3		ug/L		81	73 - 127		
Chloromethane			25.0	21.9		ug/L		87	68 - 124		
cis-1,2-Dichloroethene			25.0	20.9		ug/L		84	74 - 124		
cis-1,3-Dichloropropene			25.0	25.3		ug/L		101	74 - 124		
Dibromochloromethane			25.0	24.7		ug/L		99	75 - 125		
Ethyl ether			25.0	25.0		ug/L		100	76 - 123		
Ethylbenzene			25.0	22.1		ug/L		88	77 - 123		
m&p-Xylene			25.0	23.1		ug/L		92	76 - 122		
Methylene Chloride			25.0	22.4		ug/L		90	75 - 124		
o-Xylene			25.0	24.0		ug/L		96	76 - 122		
Styrene			25.0	23.8		ug/L		95	80 - 120		
Tetrachloroethene			25.0	23.2		ug/L		93	74 - 122		
Toluene			25.0	23.1		ug/L		92	80 - 122		
trans-1,2-Dichloroethene			25.0	21.1		ug/L		84	73 - 127		
trans-1,3-Dichloropropene			25.0	25.4		ug/L		102	80 - 120		
Trichloroethene			25.0	22.5		ug/L		90	74 - 123		
Vinyl chloride			25.0	22.3		ug/L		89	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-588217/7
Matrix: Water
Analysis Batch: 588217

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/07/21 11:02	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 11:02	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/07/21 11:02	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/07/21 11:02	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/07/21 11:02	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 11:02	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/07/21 11:02	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/07/21 11:02	1
2-Hexanone	10	U	10	1.2	ug/L			07/07/21 11:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/07/21 11:02	1
Acetone	10	U	10	3.0	ug/L			07/07/21 11:02	1
Benzene	1.0	U	1.0	0.41	ug/L			07/07/21 11:02	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/07/21 11:02	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/07/21 11:02	1
Bromomethane	10	U	10	0.69	ug/L			07/07/21 11:02	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/07/21 11:02	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/07/21 11:02	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/07/21 11:02	1
Chloroethane	10	U	10	0.32	ug/L			07/07/21 11:02	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/07/21 11:02	1
Chloromethane	10	U	10	0.35	ug/L			07/07/21 11:02	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/07/21 11:02	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/07/21 11:02	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/07/21 11:02	1
Ethyl ether	10	U	10	0.72	ug/L			07/07/21 11:02	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/07/21 11:02	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/07/21 11:02	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/07/21 11:02	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/07/21 11:02	1
Styrene	5.0	U	5.0	0.73	ug/L			07/07/21 11:02	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/07/21 11:02	1
Toluene	5.0	U	5.0	0.51	ug/L			07/07/21 11:02	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/07/21 11:02	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/07/21 11:02	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/07/21 11:02	1
Vinyl chloride	10	U	10	0.90	ug/L			07/07/21 11:02	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/07/21 11:02	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Dicyclopentadiene	*0.232*	*J*	*ug/L*		*11.73*	*77-73-6*		*07/07/21 11:02*	*1*
Hexachlorobutadiene	*0.294*	*J*	*ug/L*		*13.53*	*87-68-3*		*07/07/21 11:02*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*07/07/21 11:02*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/07/21 11:02*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*07/07/21 11:02*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/07/21 11:02*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-588217/7
Matrix: Water
Analysis Batch: 588217

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/07/21 11:02	1

Lab Sample ID: LCS 480-588217/5
Matrix: Water
Analysis Batch: 588217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.2		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	26.1		ug/L		104	66 - 127
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	26.0		ug/L		104	76 - 120
2-Butanone (MEK)	125	128		ug/L		102	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	26.6		ug/L		106	61 - 132
Bromomethane	25.0	25.5		ug/L		102	55 - 144
Carbon disulfide	25.0	26.9		ug/L		107	59 - 134
Carbon tetrachloride	25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	80 - 120
Chloroethane	25.0	27.5		ug/L		110	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	23.5		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	26.6		ug/L		106	74 - 124
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Ethyl ether	25.0	25.7		ug/L		103	76 - 123
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
m&p-Xylene	25.0	25.2		ug/L		101	76 - 122
Methylene Chloride	25.0	26.4		ug/L		106	75 - 124
o-Xylene	25.0	24.1		ug/L		97	76 - 122
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	25.1		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	73 - 127
trans-1,3-Dichloropropene	25.0	26.6		ug/L		106	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Vinyl chloride	25.0	26.3		ug/L		105	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-588217/5
Matrix: Water
Analysis Batch: 588217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-186860-6 MS
Matrix: Water
Analysis Batch: 588217

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10	U	50.0	54.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	10	U	50.0	48.6		ug/L		97	76 - 120
1,1,2-Trichloroethane	10	U	50.0	51.5		ug/L		103	76 - 122
1,1-Dichloroethane	10	U	50.0	55.1		ug/L		110	77 - 120
1,1-Dichloroethene	10	U	50.0	53.0		ug/L		106	66 - 127
1,2-Dichloroethane	10	U	50.0	51.2		ug/L		102	75 - 120
1,2-Dichloropropane	10	U	50.0	54.5		ug/L		109	76 - 120
2-Butanone (MEK)	7.1	J	250	271		ug/L		105	57 - 140
2-Hexanone	20	U	250	266		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	20	U	250	244		ug/L		97	71 - 125
Acetone	11	J	250	261		ug/L		100	56 - 142
Benzene	2.0	U	50.0	54.8		ug/L		110	71 - 124
Bromodichloromethane	10	U	50.0	52.3		ug/L		105	80 - 122
Bromoform	10	U	50.0	48.3		ug/L		97	61 - 132
Bromomethane	20	U	50.0	53.9		ug/L		108	55 - 144
Carbon disulfide	0.77	J	50.0	54.3		ug/L		107	59 - 134
Carbon tetrachloride	10	U	50.0	53.0		ug/L		106	72 - 134
Chlorobenzene	10	U	50.0	52.5		ug/L		105	80 - 120
Chloroethane	20	U	50.0	58.6		ug/L		117	69 - 136
Chloroform	10	U	50.0	52.2		ug/L		104	73 - 127
Chloromethane	20	U	50.0	47.0		ug/L		94	68 - 124
cis-1,2-Dichloroethene	7.6	J	50.0	61.8		ug/L		108	74 - 124
cis-1,3-Dichloropropene	10	U	50.0	51.5		ug/L		103	74 - 124
Dibromochloromethane	10	U	50.0	50.3		ug/L		101	75 - 125
Ethyl ether	20	U	50.0	54.5		ug/L		109	76 - 123
Ethylbenzene	10	U	50.0	51.6		ug/L		103	77 - 123
m&p-Xylene	10	U	50.0	52.6		ug/L		105	76 - 122
Methylene Chloride	10	U	50.0	56.1		ug/L		112	75 - 124
o-Xylene	10	U	50.0	49.9		ug/L		100	76 - 122
Styrene	10	U	50.0	50.2		ug/L		100	80 - 120
Tetrachloroethene	10	U	50.0	53.0		ug/L		106	74 - 122
Toluene	6.9	J	50.0	58.4		ug/L		103	80 - 122
trans-1,2-Dichloroethene	10	U	50.0	55.9		ug/L		112	73 - 127
trans-1,3-Dichloropropene	10	U	50.0	51.9		ug/L		104	80 - 120
Trichloroethene	10	U	50.0	53.4		ug/L		107	74 - 123
Vinyl chloride	3.6	J	50.0	58.5		ug/L		110	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-186860-6 MS
Matrix: Water
Analysis Batch: 588217

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-186860-6 MSD
Matrix: Water
Analysis Batch: 588217

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10	U	50.0	50.7		ug/L		101	73 - 126	7	15
1,1,2,2-Tetrachloroethane	10	U	50.0	48.6		ug/L		97	76 - 120	0	15
1,1,2-Trichloroethane	10	U	50.0	50.3		ug/L		101	76 - 122	2	15
1,1-Dichloroethane	10	U	50.0	51.5		ug/L		103	77 - 120	7	20
1,1-Dichloroethene	10	U	50.0	49.7		ug/L		99	66 - 127	6	16
1,2-Dichloroethane	10	U	50.0	48.9		ug/L		98	75 - 120	5	20
1,2-Dichloropropane	10	U	50.0	51.5		ug/L		103	76 - 120	6	20
2-Butanone (MEK)	7.1	J	250	254		ug/L		99	57 - 140	6	20
2-Hexanone	20	U	250	253		ug/L		101	65 - 127	5	15
4-Methyl-2-pentanone (MIBK)	20	U	250	233		ug/L		93	71 - 125	5	35
Acetone	11	J	250	226		ug/L		86	56 - 142	14	15
Benzene	2.0	U	50.0	51.8		ug/L		104	71 - 124	6	13
Bromodichloromethane	10	U	50.0	49.7		ug/L		99	80 - 122	5	15
Bromoform	10	U	50.0	46.9		ug/L		94	61 - 132	3	15
Bromomethane	20	U	50.0	48.9		ug/L		98	55 - 144	10	15
Carbon disulfide	0.77	J	50.0	50.2		ug/L		99	59 - 134	8	15
Carbon tetrachloride	10	U	50.0	49.0		ug/L		98	72 - 134	8	15
Chlorobenzene	10	U	50.0	50.6		ug/L		101	80 - 120	4	25
Chloroethane	20	U	50.0	53.3		ug/L		107	69 - 136	10	15
Chloroform	10	U	50.0	49.4		ug/L		99	73 - 127	6	20
Chloromethane	20	U	50.0	43.6		ug/L		87	68 - 124	7	15
cis-1,2-Dichloroethene	7.6	J	50.0	58.0		ug/L		101	74 - 124	6	15
cis-1,3-Dichloropropene	10	U	50.0	49.3		ug/L		99	74 - 124	4	15
Dibromochloromethane	10	U	50.0	48.3		ug/L		97	75 - 125	4	15
Ethyl ether	20	U	50.0	51.5		ug/L		103	76 - 123	6	20
Ethylbenzene	10	U	50.0	49.8		ug/L		100	77 - 123	4	15
m&p-Xylene	10	U	50.0	50.2		ug/L		100	76 - 122	5	16
Methylene Chloride	10	U	50.0	52.7		ug/L		105	75 - 124	6	15
o-Xylene	10	U	50.0	47.8		ug/L		96	76 - 122	4	16
Styrene	10	U	50.0	48.4		ug/L		97	80 - 120	4	20
Tetrachloroethene	10	U	50.0	51.0		ug/L		102	74 - 122	4	20
Toluene	6.9	J	50.0	55.9		ug/L		98	80 - 122	4	15
trans-1,2-Dichloroethene	10	U	50.0	52.2		ug/L		104	73 - 127	7	20
trans-1,3-Dichloropropene	10	U	50.0	50.7		ug/L		101	80 - 120	2	15
Trichloroethene	10	U	50.0	50.5		ug/L		101	74 - 123	5	16
Vinyl chloride	3.6	J	50.0	53.9		ug/L		101	65 - 133	8	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-186860-6 MSD
Matrix: Water
Analysis Batch: 588217

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 480-588224/9
Matrix: Water
Analysis Batch: 588224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/07/21 12:38	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 12:38	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/07/21 12:38	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/07/21 12:38	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/07/21 12:38	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/07/21 12:38	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/07/21 12:38	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/07/21 12:38	1
2-Hexanone	10	U	10	1.2	ug/L			07/07/21 12:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/07/21 12:38	1
Acetone	10	U	10	3.0	ug/L			07/07/21 12:38	1
Benzene	1.0	U	1.0	0.41	ug/L			07/07/21 12:38	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/07/21 12:38	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/07/21 12:38	1
Bromomethane	10	U	10	0.69	ug/L			07/07/21 12:38	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/07/21 12:38	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/07/21 12:38	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/07/21 12:38	1
Chloroethane	10	U	10	0.32	ug/L			07/07/21 12:38	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/07/21 12:38	1
Chloromethane	10	U	10	0.35	ug/L			07/07/21 12:38	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/07/21 12:38	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/07/21 12:38	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/07/21 12:38	1
Ethyl ether	10	U	10	0.72	ug/L			07/07/21 12:38	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/07/21 12:38	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/07/21 12:38	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/07/21 12:38	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/07/21 12:38	1
Styrene	5.0	U	5.0	0.73	ug/L			07/07/21 12:38	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/07/21 12:38	1
Toluene	5.0	U	5.0	0.51	ug/L			07/07/21 12:38	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/07/21 12:38	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/07/21 12:38	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/07/21 12:38	1
Vinyl chloride	10	U	10	0.90	ug/L			07/07/21 12:38	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/07/21 12:38	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/07/21 12:38	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-588224/9
Matrix: Water
Analysis Batch: 588224

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*07/07/21 12:38*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/07/21 12:38*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/07/21 12:38*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/07/21 12:38*	*1*

Lab Sample ID: LCS 480-588224/7
Matrix: Water
Analysis Batch: 588224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.4		ug/L		90	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	76 - 120
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	76 - 122
1,1-Dichloroethane	25.0	23.0		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
2-Butanone (MEK)	125	131		ug/L		104	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	123		ug/L		99	56 - 142
Benzene	25.0	22.8		ug/L		91	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	21.6		ug/L		86	61 - 132
Bromomethane	25.0	22.0		ug/L		88	55 - 144
Carbon disulfide	25.0	22.8		ug/L		91	59 - 134
Carbon tetrachloride	25.0	23.1		ug/L		93	72 - 134
Chlorobenzene	25.0	22.7		ug/L		91	80 - 120
Chloroethane	25.0	22.2		ug/L		89	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		97	74 - 124
Dibromochloromethane	25.0	22.1		ug/L		88	75 - 125
Ethyl ether	25.0	22.9		ug/L		92	76 - 123
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
m&p-Xylene	25.0	22.5		ug/L		90	76 - 122
Methylene Chloride	25.0	23.6		ug/L		94	75 - 124
o-Xylene	25.0	22.5		ug/L		90	76 - 122
Styrene	25.0	23.4		ug/L		93	80 - 120
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	22.6		ug/L		90	73 - 127
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	80 - 120
Trichloroethene	25.0	23.0		ug/L		92	74 - 123
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-588224/7
Matrix: Water
Analysis Batch: 588224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 480-588367/7
Matrix: Water
Analysis Batch: 588367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			07/08/21 11:24	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/08/21 11:24	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/08/21 11:24	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/08/21 11:24	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/08/21 11:24	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/08/21 11:24	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/08/21 11:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/08/21 11:24	1
2-Hexanone	10	U	10	1.2	ug/L			07/08/21 11:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/08/21 11:24	1
Acetone	10	U	10	3.0	ug/L			07/08/21 11:24	1
Benzene	1.0	U	1.0	0.41	ug/L			07/08/21 11:24	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/08/21 11:24	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/08/21 11:24	1
Bromomethane	10	U	10	0.69	ug/L			07/08/21 11:24	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/08/21 11:24	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/08/21 11:24	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/08/21 11:24	1
Chloroethane	10	U	10	0.32	ug/L			07/08/21 11:24	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/08/21 11:24	1
Chloromethane	10	U	10	0.35	ug/L			07/08/21 11:24	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/08/21 11:24	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/08/21 11:24	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/08/21 11:24	1
Ethyl ether	10	U	10	0.72	ug/L			07/08/21 11:24	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/08/21 11:24	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/08/21 11:24	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/08/21 11:24	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/08/21 11:24	1
Styrene	5.0	U	5.0	0.73	ug/L			07/08/21 11:24	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/08/21 11:24	1
Toluene	5.0	U	5.0	0.51	ug/L			07/08/21 11:24	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/08/21 11:24	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/08/21 11:24	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/08/21 11:24	1
Vinyl chloride	10	U	10	0.90	ug/L			07/08/21 11:24	1
2-Methylthiophene	10	U	10	0.44	ug/L			07/08/21 11:24	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-588367/7
Matrix: Water
Analysis Batch: 588367

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/08/21 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		07/08/21 11:24	1
4-Bromofluorobenzene (Surr)	86		73 - 120		07/08/21 11:24	1
Dibromofluoromethane (Surr)	100		75 - 123		07/08/21 11:24	1
Toluene-d8 (Surr)	94		80 - 120		07/08/21 11:24	1

Lab Sample ID: LCS 480-588367/5
Matrix: Water
Analysis Batch: 588367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.6		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	76 - 120
1,1,2-Trichloroethane	25.0	23.6		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		87	71 - 125
Acetone	125	116		ug/L		93	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	23.9		ug/L		96	80 - 122
Bromoform	25.0	24.7		ug/L		99	61 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134
Carbon tetrachloride	25.0	23.5		ug/L		94	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120
Chloroethane	25.0	25.6		ug/L		102	69 - 136
Chloroform	25.0	23.0		ug/L		92	73 - 127
Chloromethane	25.0	22.1		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Ethyl ether	25.0	24.4		ug/L		98	76 - 123
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
m&p-Xylene	25.0	23.1		ug/L		93	76 - 122
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
o-Xylene	25.0	22.2		ug/L		89	76 - 122
Styrene	25.0	22.9		ug/L		91	80 - 120
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		99	80 - 120
Trichloroethene	25.0	23.6		ug/L		94	74 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-588367/5
Matrix: Water
Analysis Batch: 588367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			25.0	24.6		ug/L		98	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-588327/1-A
Matrix: Water
Analysis Batch: 588586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/07/21 15:58	07/09/21 18:23	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/07/21 15:58	07/09/21 18:23	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/09/21 18:23	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Methylnaphthalene	0.616	J	5.0	0.60	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Nitroaniline	10	U	10	0.42	ug/L		07/07/21 15:58	07/09/21 18:23	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/07/21 15:58	07/09/21 18:23	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
3-Nitroaniline	10	U	10	0.48	ug/L		07/07/21 15:58	07/09/21 18:23	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Methylphenol	10	U	10	0.36	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Nitroaniline	10	U	10	0.25	ug/L		07/07/21 15:58	07/09/21 18:23	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/07/21 15:58	07/09/21 18:23	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/07/21 15:58	07/09/21 18:23	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/07/21 15:58	07/09/21 18:23	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/07/21 15:58	07/09/21 18:23	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/07/21 15:58	07/09/21 18:23	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/09/21 18:23	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/09/21 18:23	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-588327/1-A
Matrix: Water
Analysis Batch: 588586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		07/07/21 15:58	07/09/21 18:23	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/09/21 18:23	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/07/21 15:58	07/09/21 18:23	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/07/21 15:58	07/09/21 18:23	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/07/21 15:58	07/09/21 18:23	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/07/21 15:58	07/09/21 18:23	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/07/21 15:58	07/09/21 18:23	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/07/21 15:58	07/09/21 18:23	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/07/21 15:58	07/09/21 18:23	1
Dibenzofuran	10	U	10	0.51	ug/L		07/07/21 15:58	07/09/21 18:23	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		07/07/21 15:58	07/09/21 18:23	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/09/21 18:23	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		07/07/21 15:58	07/09/21 18:23	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/09/21 18:23	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/07/21 15:58	07/09/21 18:23	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/07/21 15:58	07/09/21 18:23	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/09/21 18:23	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/07/21 15:58	07/09/21 18:23	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/09/21 18:23	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/07/21 15:58	07/09/21 18:23	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		07/07/21 15:58	07/09/21 18:23	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/07/21 15:58	07/09/21 18:23	1
Naphthalene	1.23	J	5.0	0.76	ug/L		07/07/21 15:58	07/09/21 18:23	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/07/21 15:58	07/09/21 18:23	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/07/21 15:58	07/09/21 18:23	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/07/21 15:58	07/09/21 18:23	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/07/21 15:58	07/09/21 18:23	1
Phenanthrene	0.543	J	5.0	0.44	ug/L		07/07/21 15:58	07/09/21 18:23	1
Phenol	5.0	U	5.0	0.39	ug/L		07/07/21 15:58	07/09/21 18:23	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/07/21 15:58	07/09/21 18:23	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.11*	*T J*	*ug/L*		*2.39*		*07/07/21 15:58*	*07/09/21 18:23*	*1*
Unknown	*3.82*	*T J*	*ug/L*		*2.80*		*07/07/21 15:58*	*07/09/21 18:23*	*1*
Cyclohexane	*9.05*	*T J N*	*ug/L*		*3.00*	*110-82-7*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
Unknown	*170*	*T J*	*ug/L*		*3.25*		*07/07/21 15:58*	*07/09/21 18:23*	*1*
Unknown	*1.74*	*T J*	*ug/L*		*4.33*		*07/07/21 15:58*	*07/09/21 18:23*	*1*
Toluene	*1.62*	*T J N*	*ug/L*		*4.37*	*108-88-3*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
Unknown	*49.2*	*T J*	*ug/L*		*5.11*		*07/07/21 15:58*	*07/09/21 18:23*	*1*
Nonanoic acid	*2.43*	*T J N*	*ug/L*		*7.85*	*112-05-0*	*07/07/21 15:58*	*07/09/21 18:23*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*41 - 120*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
2-Fluorophenol (Surr)	*72*		*35 - 120*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*07/07/21 15:58*	*07/09/21 18:23*	*1*
Phenol-d5 (Surr)	*50*		*22 - 120*	*07/07/21 15:58*	*07/09/21 18:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-588327/1-A
Matrix: Water
Analysis Batch: 588586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588327

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	103		60 - 148	07/07/21 15:58	07/09/21 18:23	1

Lab Sample ID: LCS 480-588327/2-A
Matrix: Water
Analysis Batch: 588586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	26.3		ug/L		82	40 - 120
1,2-Dichlorobenzene	32.0	26.1		ug/L		82	49 - 120
1,3-Dichlorobenzene	32.0	25.5		ug/L		80	50 - 120
1,4-Dichlorobenzene	32.0	25.2		ug/L		79	51 - 120
2,2'-oxybis[1-chloropropane]	32.0	25.9		ug/L		81	21 - 136
2,4,5-Trichlorophenol	32.0	29.4		ug/L		92	65 - 126
2,4,6-Trichlorophenol	32.0	27.4		ug/L		86	64 - 120
2,4-Dichlorophenol	32.0	28.0		ug/L		87	63 - 120
2,4-Dimethylphenol	32.0	26.4		ug/L		83	47 - 120
2,4-Dinitrophenol	64.0	49.7		ug/L		78	31 - 137
2,4-Dinitrotoluene	32.0	30.3		ug/L		95	69 - 120
2,6-Dinitrotoluene	32.0	30.0		ug/L		94	68 - 120
2-Chloronaphthalene	32.0	26.9		ug/L		84	58 - 120
2-Chlorophenol	32.0	27.1		ug/L		85	48 - 120
2-Methylnaphthalene	32.0	27.5		ug/L		86	59 - 120
2-Methylphenol	32.0	26.1		ug/L		82	39 - 120
2-Nitroaniline	32.0	28.4		ug/L		89	54 - 127
2-Nitrophenol	32.0	29.8		ug/L		93	52 - 125
3,3'-Dichlorobenzidine	64.0	59.9		ug/L		94	49 - 135
3-Nitroaniline	32.0	26.0		ug/L		81	51 - 120
4,6-Dinitro-2-methylphenol	64.0	66.3		ug/L		104	46 - 136
4-Bromophenyl phenyl ether	32.0	33.6		ug/L		105	65 - 120
4-Chloro-3-methylphenol	32.0	29.6		ug/L		92	61 - 123
4-Chloroaniline	32.0	21.9		ug/L		68	30 - 120
4-Chlorophenyl phenyl ether	32.0	28.5		ug/L		89	62 - 120
4-Methylphenol	32.0	26.9		ug/L		84	29 - 131
4-Nitroaniline	32.0	26.5		ug/L		83	65 - 120
4-Nitrophenol	64.0	45.9		ug/L		72	45 - 120
Acenaphthene	32.0	27.6		ug/L		86	60 - 120
Acenaphthylene	32.0	29.9		ug/L		93	63 - 120
Anthracene	32.0	30.5		ug/L		95	67 - 120
Benzaldehyde	64.0	56.5		ug/L		88	10 - 140
Benzo[a]anthracene	32.0	31.5		ug/L		99	70 - 121
Benzo[a]pyrene	32.0	28.5		ug/L		89	60 - 123
Benzo[b]fluoranthene	32.0	30.8		ug/L		96	66 - 126
Benzo[g,h,i]perylene	32.0	31.6		ug/L		99	66 - 150
Benzo[k]fluoranthene	32.0	29.7		ug/L		93	65 - 124
Bis(2-chloroethoxy)methane	32.0	28.1		ug/L		88	50 - 128
Bis(2-chloroethyl)ether	32.0	27.8		ug/L		87	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.8		ug/L		102	63 - 139
Butyl benzyl phthalate	32.0	31.9		ug/L		100	70 - 129

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-588327/2-A
Matrix: Water
Analysis Batch: 588586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbazole	32.0	37.1		ug/L		116	66 - 123
Chrysene	32.0	30.6		ug/L		96	69 - 120
Dibenz(a,h)anthracene	32.0	31.4		ug/L		98	65 - 135
Dibenzofuran	32.0	28.7		ug/L		90	66 - 120
Diethyl phthalate	32.0	30.0		ug/L		94	59 - 127
Dimethyl phthalate	32.0	29.9		ug/L		94	68 - 120
Di-n-butyl phthalate	32.0	33.5		ug/L		105	69 - 131
Di-n-octyl phthalate	32.0	35.2		ug/L		110	63 - 140
Fluoranthene	32.0	32.4		ug/L		101	69 - 126
Fluorene	32.0	28.8		ug/L		90	66 - 120
Hexachlorobenzene	32.0	29.4		ug/L		92	61 - 120
Hexachlorobutadiene	32.0	27.1		ug/L		85	35 - 120
Hexachlorocyclopentadiene	32.0	20.8		ug/L		65	31 - 120
Hexachloroethane	32.0	25.2		ug/L		79	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.5		ug/L		95	69 - 146
Isophorone	32.0	29.5		ug/L		92	55 - 120
Naphthalene	32.0	27.5		ug/L		86	57 - 120
Nitrobenzene	32.0	28.7		ug/L		90	53 - 123
N-Nitrosodi-n-propylamine	32.0	27.3		ug/L		85	32 - 140
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	61 - 120
Pentachlorophenol	64.0	54.0		ug/L		84	29 - 136
Phenanthrene	32.0	31.2		ug/L		97	68 - 120
Phenol	32.0	18.5		ug/L		58	17 - 120
Pyrene	32.0	30.9		ug/L		97	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol (Surr)	*72*		*35 - 120*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*
Phenol-d5 (Surr)	*55*		*22 - 120*
p-Terphenyl-d14 (Surr)	*95*		*60 - 148*

Lab Sample ID: 480-186860-6 MS
Matrix: Water
Analysis Batch: 588586

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA
Prep Batch: 588327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	200	U	32.0	26.2	J	ug/L		82	49 - 120
1,2-Dichlorobenzene	200	U	32.0	26.5	J	ug/L		83	48 - 120
1,3-Dichlorobenzene	200	U	32.0	25.9	J	ug/L		81	51 - 120
1,4-Dichlorobenzene	200	U	32.0	26.5	J	ug/L		83	32 - 150
2,2'-oxybis[1-chloropropane]	100	U	32.0	26.3	J	ug/L		82	28 - 121
2,4,5-Trichlorophenol	100	U	32.0	31.9	J	ug/L		100	65 - 126
2,4,6-Trichlorophenol	100	U	32.0	34.7	J	ug/L		108	64 - 120
2,4-Dichlorophenol	100	U	32.0	32.0	J	ug/L		100	48 - 132
2,4-Dimethylphenol	100	U	32.0	26.7	J	ug/L		83	39 - 130
2,4-Dinitrophenol	200	U F1	64.0	139	J F1	ug/L		217	21 - 150

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-186860-6 MS
Matrix: Water
Analysis Batch: 588586

Client Sample ID: SW-11209162-070521-BP-011
Prep Type: Total/NA
Prep Batch: 588327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	U F1	32.0	45.3	J F1	ug/L		142	54 - 138
2,6-Dinitrotoluene	100	U	32.0	42.7	J	ug/L		134	17 - 150
2-Chloronaphthalene	100	U	32.0	26.9	J	ug/L		84	52 - 124
2-Chlorophenol	100	U	32.0	28.5	J	ug/L		89	48 - 120
2-Methylnaphthalene	100	U	32.0	27.9	J	ug/L		87	34 - 140
2-Methylphenol	100	U	32.0	27.3	J	ug/L		85	46 - 120
2-Nitroaniline	200	U	32.0	43.3	J	ug/L		135	44 - 136
2-Nitrophenol	100	U	32.0	43.2	J	ug/L		135	38 - 141
3,3'-Dichlorobenzidine	100	U	64.0	19.5	J	ug/L		30	10 - 150
3-Nitroaniline	200	U	32.0	32.9	J	ug/L		103	32 - 150
4,6-Dinitro-2-methylphenol	200	U F1	64.0	113	J F1	ug/L		176	38 - 150
4-Bromophenyl phenyl ether	100	U	32.0	32.0	J	ug/L		100	63 - 126
4-Chloro-3-methylphenol	100	U	32.0	35.1	J	ug/L		110	64 - 127
4-Chloroaniline	100	U	32.0	18.1	J	ug/L		56	16 - 124
4-Chlorophenyl phenyl ether	100	U	32.0	26.6	J	ug/L		83	61 - 120
4-Methylphenol	13	J F1	32.0	84.5	J F1	ug/L		222	36 - 120
4-Nitroaniline	200	U	32.0	48.1	J	ug/L		150	32 - 150
4-Nitrophenol	200	U	64.0	78.6	J	ug/L		123	23 - 132
Acenaphthene	100	U	32.0	27.6	J	ug/L		86	48 - 120
Acenaphthylene	100	U	32.0	30.9	J	ug/L		97	63 - 120
Anthracene	100	U	32.0	30.1	J	ug/L		94	65 - 122
Benzaldehyde	100	U	64.0	65.4	J	ug/L		102	10 - 150
Benzo[a]anthracene	100	U F2	32.0	32.3	J	ug/L		101	43 - 124
Benzo[a]pyrene	100	U F2	32.0	27.6	J	ug/L		86	23 - 125
Benzo[b]fluoranthene	100	U	32.0	27.5	J	ug/L		86	27 - 127
Benzo[g,h,i]perylene	100	U F2	32.0	28.0	J	ug/L		88	16 - 147
Benzo[k]fluoranthene	100	U	32.0	28.9	J	ug/L		90	20 - 124
Bis(2-chloroethoxy)methane	100	U	32.0	29.2	J	ug/L		91	44 - 128
Bis(2-chloroethyl)ether	100	U	32.0	29.2	J	ug/L		91	45 - 120
Bis(2-ethylhexyl) phthalate	100	U	32.0	100	U	ug/L		NC	16 - 150
Butyl benzyl phthalate	100	U	32.0	36.6	J	ug/L		114	51 - 140
Carbazole	100	U	32.0	43.5	J	ug/L		136	16 - 148
Chrysene	100	U F2	32.0	31.8	J	ug/L		99	44 - 122
Dibenz(a,h)anthracene	100	U F2	32.0	29.6	J	ug/L		93	16 - 139
Dibenzofuran	200	U	32.0	29.4	J	ug/L		92	60 - 120
Diethyl phthalate	100	U F2	32.0	33.2	J	ug/L		104	53 - 133
Dimethyl phthalate	100	U F2	32.0	32.9	J	ug/L		103	59 - 123
Di-n-butyl phthalate	100	U	32.0	33.8	J	ug/L		106	65 - 129
Di-n-octyl phthalate	100	U	32.0	46.5	J	ug/L		145	16 - 150
Fluoranthene	100	U	32.0	32.7	J	ug/L		102	63 - 129
Fluorene	100	U	32.0	28.2	J	ug/L		88	62 - 120
Hexachlorobenzene	100	U	32.0	28.4	J	ug/L		89	57 - 121
Hexachlorobutadiene	100	U	32.0	25.2	J	ug/L		79	37 - 120
Hexachlorocyclopentadiene	100	U	32.0	20.2	J	ug/L		63	21 - 120
Hexachloroethane	100	U	32.0	22.5	J	ug/L		70	16 - 130
Indeno[1,2,3-cd]pyrene	100	U F2	32.0	28.8	J	ug/L		90	16 - 140
Isophorone	100	U	32.0	31.1	J	ug/L		97	48 - 133
Naphthalene	100	U	32.0	29.9	J	ug/L		93	45 - 120
Nitrobenzene	100	U	32.0	29.5	J	ug/L		92	45 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-186860-6 MS — **Client Sample ID: SW-11209162-070521-BP-011**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 588586 — **Prep Batch: 588327**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	100	U	32.0	35.0	J	ug/L		109	49 - 120
N-Nitrosodiphenylamine	100	U F2	32.0	31.0	J	ug/L		97	39 - 138
Pentachlorophenol	200	U	64.0	67.8	J	ug/L		106	23 - 149
Phenanthrene	100	U	32.0	31.0	J	ug/L		97	65 - 122
Phenol	100	U	32.0	30.2	J	ug/L		94	16 - 120
Pyrene	100	U F2	32.0	31.9	J	ug/L		100	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*147*	*S1+*	*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*
2-Fluorophenol (Surr)	*80*		*35 - 120*
Nitrobenzene-d5 (Surr)	*117*		*46 - 120*
Phenol-d5 (Surr)	*62*		*22 - 120*
p-Terphenyl-d14 (Surr)	*79*		*60 - 148*

Lab Sample ID: 480-186860-6 MSD — **Client Sample ID: SW-11209162-070521-BP-011**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 588586 — **Prep Batch: 588327**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	200	U	32.0	22.7	J	ug/L		71	49 - 120	14	30
1,2-Dichlorobenzene	200	U	32.0	23.5	J	ug/L		74	48 - 120	12	29
1,3-Dichlorobenzene	200	U	32.0	22.4	J	ug/L		70	51 - 120	14	37
1,4-Dichlorobenzene	200	U	32.0	22.9	J	ug/L		72	32 - 150	15	36
2,2'-oxybis[1-chloropropane]	100	U	32.0	23.9	J	ug/L		75	28 - 121	10	24
2,4,5-Trichlorophenol	100	U	32.0	29.8	J	ug/L		93	65 - 126	7	18
2,4,6-Trichlorophenol	100	U	32.0	31.9	J	ug/L		100	64 - 120	8	19
2,4-Dichlorophenol	100	U	32.0	27.9	J	ug/L		87	48 - 132	14	19
2,4-Dimethylphenol	100	U	32.0	22.1	J	ug/L		69	39 - 130	19	42
2,4-Dinitrophenol	200	U F1	64.0	134	J F1	ug/L		209	21 - 150	4	22
2,4-Dinitrotoluene	100	U F1	32.0	40.0	J	ug/L		125	54 - 138	13	20
2,6-Dinitrotoluene	100	U	32.0	38.3	J	ug/L		120	17 - 150	11	15
2-Chloronaphthalene	100	U	32.0	23.7	J	ug/L		74	52 - 124	13	21
2-Chlorophenol	100	U	32.0	23.4	J	ug/L		73	48 - 120	20	25
2-Methylnaphthalene	100	U	32.0	24.3	J	ug/L		76	34 - 140	14	21
2-Methylphenol	100	U	32.0	22.2	J	ug/L		69	46 - 120	21	27
2-Nitroaniline	200	U	32.0	39.4	J	ug/L		123	44 - 136	9	15
2-Nitrophenol	100	U	32.0	38.2	J	ug/L		119	38 - 141	12	18
3,3'-Dichlorobenzidine	100	U	64.0	18.5	J	ug/L		29	10 - 150	5	25
3-Nitroaniline	200	U	32.0	33.1	J	ug/L		103	32 - 150	1	19
4,6-Dinitro-2-methylphenol	200	U F1	64.0	103	J F1	ug/L		161	38 - 150	9	15
4-Bromophenyl phenyl ether	100	U	32.0	28.3	J	ug/L		89	63 - 126	12	15
4-Chloro-3-methylphenol	100	U	32.0	27.9	J	ug/L		87	64 - 127	23	27
4-Chloroaniline	100	U	32.0	15.8	J	ug/L		49	16 - 124	14	22
4-Chlorophenyl phenyl ether	100	U	32.0	23.7	J	ug/L		74	61 - 120	11	16
4-Methylphenol	13	J F1	32.0	72.0	J F1	ug/L		183	36 - 120	16	24
4-Nitroaniline	200	U	32.0	43.7	J	ug/L		137	32 - 150	10	24
4-Nitrophenol	200	U	64.0	67.4	J	ug/L		105	23 - 132	15	48

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-186860-6 MSD — **Client Sample ID: SW-11209162-070521-BP-011**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 588586 — **Prep Batch: 588327**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	100	U	32.0	24.0	J	ug/L		75	48 - 120	14	24
Acenaphthylene	100	U	32.0	26.4	J	ug/L		82	63 - 120	16	18
Anthracene	100	U	32.0	27.8	J	ug/L		87	65 - 122	8	15
Benzaldehyde	100	U	64.0	55.2	J	ug/L		86	10 - 150	17	20
Benzo[a]anthracene	100	U F2	32.0	26.9	J F2	ug/L		84	43 - 124	18	15
Benzo[a]pyrene	100	U F2	32.0	23.2	J F2	ug/L		72	23 - 125	17	15
Benzo[b]fluoranthene	100	U	32.0	23.8	J	ug/L		74	27 - 127	15	15
Benzo[g,h,i]perylene	100	U F2	32.0	23.4	J F2	ug/L		73	16 - 147	18	15
Benzo[k]fluoranthene	100	U	32.0	24.2	J	ug/L		76	20 - 124	18	22
Bis(2-chloroethoxy)methane	100	U	32.0	25.4	J	ug/L		80	44 - 128	14	17
Bis(2-chloroethyl)ether	100	U	32.0	26.1	J	ug/L		82	45 - 120	11	21
Bis(2-ethylhexyl) phthalate	100	U	32.0	100	U	ug/L		NC	16 - 150	NC	15
Butyl benzyl phthalate	100	U	32.0	33.0	J	ug/L		103	51 - 140	10	16
Carbazole	100	U	32.0	39.9	J	ug/L		125	16 - 148	9	20
Chrysene	100	U F2	32.0	26.9	J F2	ug/L		84	44 - 122	17	15
Dibenz(a,h)anthracene	100	U F2	32.0	25.1	J F2	ug/L		78	16 - 139	17	15
Dibenzofuran	200	U	32.0	25.8	J	ug/L		81	60 - 120	13	15
Diethyl phthalate	100	U F2	32.0	27.2	J F2	ug/L		85	53 - 133	20	15
Dimethyl phthalate	100	U F2	32.0	27.5	J F2	ug/L		86	59 - 123	18	15
Di-n-butyl phthalate	100	U	32.0	29.7	J	ug/L		93	65 - 129	13	15
Di-n-octyl phthalate	100	U	32.0	40.4	J	ug/L		126	16 - 150	14	16
Fluoranthene	100	U	32.0	28.4	J	ug/L		89	63 - 129	14	15
Fluorene	100	U	32.0	25.0	J	ug/L		78	62 - 120	12	15
Hexachlorobenzene	100	U	32.0	26.7	J	ug/L		84	57 - 121	6	15
Hexachlorobutadiene	100	U	32.0	22.6	J	ug/L		70	37 - 120	11	44
Hexachlorocyclopentadiene	100	U	32.0	17.1	J	ug/L		53	21 - 120	17	49
Hexachloroethane	100	U	32.0	18.2	J	ug/L		57	16 - 130	21	46
Indeno[1,2,3-cd]pyrene	100	U F2	32.0	24.2	J F2	ug/L		76	16 - 140	17	15
Isophorone	100	U	32.0	26.2	J	ug/L		82	48 - 133	17	17
Naphthalene	100	U	32.0	26.1	J	ug/L		82	45 - 120	14	29
Nitrobenzene	100	U	32.0	26.7	J	ug/L		83	45 - 123	10	24
N-Nitrosodi-n-propylamine	100	U	32.0	30.8	J	ug/L		96	49 - 120	13	31
N-Nitrosodiphenylamine	100	U F2	32.0	26.2	J F2	ug/L		82	39 - 138	17	15
Pentachlorophenol	200	U	64.0	62.7	J	ug/L		98	23 - 149	8	37
Phenanthrene	100	U	32.0	28.0	J	ug/L		87	65 - 122	10	15
Phenol	100	U	32.0	25.3	J	ug/L		79	16 - 120	18	34
Pyrene	100	U F2	32.0	25.9	J F2	ug/L		81	58 - 128	21	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*131*	*S1+*	*41 - 120*
2-Fluorobiphenyl	*77*		*48 - 120*
2-Fluorophenol (Surr)	*65*		*35 - 120*
Nitrobenzene-d5 (Surr)	*99*		*46 - 120*
Phenol-d5 (Surr)	*52*		*22 - 120*
p-Terphenyl-d14 (Surr)	*71*		*60 - 148*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-588590/1-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		07/09/21 14:50	07/14/21 13:33	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 13:33	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 13:33	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Nitroaniline	10	U	10	0.42	ug/L		07/09/21 14:50	07/14/21 13:33	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		07/09/21 14:50	07/14/21 13:33	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
3-Nitroaniline	10	U	10	0.48	ug/L		07/09/21 14:50	07/14/21 13:33	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Methylphenol	10	U	10	0.36	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Nitroaniline	10	U	10	0.25	ug/L		07/09/21 14:50	07/14/21 13:33	1
4-Nitrophenol	10	U	10	1.5	ug/L		07/09/21 14:50	07/14/21 13:33	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		07/09/21 14:50	07/14/21 13:33	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		07/09/21 14:50	07/14/21 13:33	1
Anthracene	5.0	U	5.0	0.28	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 13:33	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		07/09/21 14:50	07/14/21 13:33	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		07/09/21 14:50	07/14/21 13:33	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		07/09/21 14:50	07/14/21 13:33	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		07/09/21 14:50	07/14/21 13:33	1
Carbazole	5.0	U	5.0	0.30	ug/L		07/09/21 14:50	07/14/21 13:33	1
Chrysene	5.0	U	5.0	0.33	ug/L		07/09/21 14:50	07/14/21 13:33	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		07/09/21 14:50	07/14/21 13:33	1
Dibenzofuran	10	U	10	0.51	ug/L		07/09/21 14:50	07/14/21 13:33	1
Diethyl phthalate	0.423	J	5.0	0.22	ug/L		07/09/21 14:50	07/14/21 13:33	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 13:33	1
Di-n-butyl phthalate	0.377	J	5.0	0.31	ug/L		07/09/21 14:50	07/14/21 13:33	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-588590/1-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 13:33	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		07/09/21 14:50	07/14/21 13:33	1
Fluorene	5.0	U	5.0	0.36	ug/L		07/09/21 14:50	07/14/21 13:33	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 13:33	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		07/09/21 14:50	07/14/21 13:33	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 13:33	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		07/09/21 14:50	07/14/21 13:33	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		07/09/21 14:50	07/14/21 13:33	1
Isophorone	5.0	U	5.0	0.43	ug/L		07/09/21 14:50	07/14/21 13:33	1
Naphthalene	5.0	U	5.0	0.76	ug/L		07/09/21 14:50	07/14/21 13:33	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		07/09/21 14:50	07/14/21 13:33	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		07/09/21 14:50	07/14/21 13:33	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		07/09/21 14:50	07/14/21 13:33	1
Pentachlorophenol	10	U	10	2.2	ug/L		07/09/21 14:50	07/14/21 13:33	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		07/09/21 14:50	07/14/21 13:33	1
Phenol	5.0	U	5.0	0.39	ug/L		07/09/21 14:50	07/14/21 13:33	1
Pyrene	5.0	U	5.0	0.34	ug/L		07/09/21 14:50	07/14/21 13:33	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*208*	*T J*	*ug/L*		*3.33*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*2.22*	*T J*	*ug/L*		*4.40*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*24.5*	*T J*	*ug/L*		*5.16*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*1.92*	*T J*	*ug/L*		*6.23*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*2.02*	*T J*	*ug/L*		*7.08*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Nonanoic acid	*2.75*	*T J N*	*ug/L*		*7.90*	*112-05-0*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
Column Bleed	*2.20*	*T J*	*ug/L*		*8.06*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*1.92*	*T J*	*ug/L*		*8.08*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*1.98*	*T J*	*ug/L*		*9.52*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*2.29*	*T J*	*ug/L*		*11.00*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*6.63*	*T J*	*ug/L*		*11.05*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*60.5*	*T J*	*ug/L*		*11.43*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*5.47*	*T J*	*ug/L*		*11.76*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*7.44*	*T J*	*ug/L*		*12.02*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*9.85*	*T J*	*ug/L*		*12.44*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*2.45*	*T J*	*ug/L*		*12.87*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*2.46*	*T J*	*ug/L*		*14.19*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*11.5*	*T J*	*ug/L*		*14.52*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*37.0*	*T J*	*ug/L*		*14.55*		*07/09/21 14:50*	*07/14/21 13:33*	*1*
Unknown	*16.6*	*T J*	*ug/L*		*15.66*		*07/09/21 14:50*	*07/14/21 13:33*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*41 - 120*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
2-Fluorophenol (Surr)	*72*		*35 - 120*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
Phenol-d5 (Surr)	*54*		*22 - 120*	*07/09/21 14:50*	*07/14/21 13:33*	*1*
p-Terphenyl-d14 (Surr)	*105*		*60 - 148*	*07/09/21 14:50*	*07/14/21 13:33*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-588590/2-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	21.7		ug/L		68	40 - 120
1,2-Dichlorobenzene	32.0	22.8		ug/L		71	49 - 120
1,3-Dichlorobenzene	32.0	21.9		ug/L		68	50 - 120
1,4-Dichlorobenzene	32.0	22.4		ug/L		70	51 - 120
2,2'-oxybis[1-chloropropane]	32.0	25.7		ug/L		80	21 - 136
2,4,5-Trichlorophenol	32.0	28.3		ug/L		89	65 - 126
2,4,6-Trichlorophenol	32.0	26.8		ug/L		84	64 - 120
2,4-Dichlorophenol	32.0	26.5		ug/L		83	63 - 120
2,4-Dimethylphenol	32.0	24.9		ug/L		78	47 - 120
2,4-Dinitrophenol	64.0	48.2		ug/L		75	31 - 137
2,4-Dinitrotoluene	32.0	26.1		ug/L		82	69 - 120
2,6-Dinitrotoluene	32.0	28.0		ug/L		87	68 - 120
2-Chloronaphthalene	32.0	24.9		ug/L		78	58 - 120
2-Chlorophenol	32.0	25.3		ug/L		79	48 - 120
2-Methylnaphthalene	32.0	23.1		ug/L		72	59 - 120
2-Methylphenol	32.0	26.0		ug/L		81	39 - 120
2-Nitroaniline	32.0	26.6		ug/L		83	54 - 127
2-Nitrophenol	32.0	25.6		ug/L		80	52 - 125
3,3'-Dichlorobenzidine	64.0	52.9		ug/L		83	49 - 135
3-Nitroaniline	32.0	21.3		ug/L		67	51 - 120
4,6-Dinitro-2-methylphenol	64.0	62.9		ug/L		98	46 - 136
4-Bromophenyl phenyl ether	32.0	32.2		ug/L		101	65 - 120
4-Chloro-3-methylphenol	32.0	28.4		ug/L		89	61 - 123
4-Chloroaniline	32.0	22.3		ug/L		70	30 - 120
4-Chlorophenyl phenyl ether	32.0	25.2		ug/L		79	62 - 120
4-Methylphenol	32.0	26.1		ug/L		82	29 - 131
4-Nitroaniline	32.0	22.0		ug/L		69	65 - 120
4-Nitrophenol	64.0	40.9		ug/L		64	45 - 120
Acenaphthene	32.0	25.9		ug/L		81	60 - 120
Acenaphthylene	32.0	26.6		ug/L		83	63 - 120
Anthracene	32.0	26.7		ug/L		83	67 - 120
Benzaldehyde	64.0	55.3		ug/L		86	10 - 140
Benzo[a]anthracene	32.0	28.6		ug/L		89	70 - 121
Benzo[a]pyrene	32.0	25.5		ug/L		80	60 - 123
Benzo[b]fluoranthene	32.0	27.1		ug/L		85	66 - 126
Benzo[g,h,i]perylene	32.0	28.3		ug/L		89	66 - 150
Benzo[k]fluoranthene	32.0	27.3		ug/L		85	65 - 124
Bis(2-chloroethoxy)methane	32.0	25.8		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	32.0	24.1		ug/L		75	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.6		ug/L		96	63 - 139
Butyl benzyl phthalate	32.0	30.5		ug/L		95	70 - 129
Carbazole	32.0	26.6		ug/L		83	66 - 123
Chrysene	32.0	27.8		ug/L		87	69 - 120
Dibenz(a,h)anthracene	32.0	29.2		ug/L		91	65 - 135
Dibenzofuran	32.0	24.9		ug/L		78	66 - 120
Diethyl phthalate	32.0	28.7		ug/L		90	59 - 127
Dimethyl phthalate	32.0	28.8		ug/L		90	68 - 120
Di-n-butyl phthalate	32.0	28.9		ug/L		90	69 - 131

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-588590/2-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	30.9		ug/L		97	63 - 140
Fluoranthene	32.0	26.4		ug/L		83	69 - 126
Fluorene	32.0	26.4		ug/L		82	66 - 120
Hexachlorobenzene	32.0	26.0		ug/L		81	61 - 120
Hexachlorobutadiene	32.0	21.1		ug/L		66	35 - 120
Hexachlorocyclopentadiene	32.0	17.4		ug/L		55	31 - 120
Hexachloroethane	32.0	21.9		ug/L		69	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	28.1		ug/L		88	69 - 146
Isophorone	32.0	26.3		ug/L		82	55 - 120
Naphthalene	32.0	23.2		ug/L		72	57 - 120
Nitrobenzene	32.0	24.7		ug/L		77	53 - 123
N-Nitrosodi-n-propylamine	32.0	26.7		ug/L		83	32 - 140
N-Nitrosodiphenylamine	32.0	27.3		ug/L		85	61 - 120
Pentachlorophenol	64.0	45.3		ug/L		71	29 - 136
Phenanthrene	32.0	27.6		ug/L		86	68 - 120
Phenol	32.0	17.9		ug/L		56	17 - 120
Pyrene	32.0	27.3		ug/L		85	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*41 - 120*
2-Fluorobiphenyl	*79*		*48 - 120*
2-Fluorophenol (Surr)	*64*		*35 - 120*
Nitrobenzene-d5 (Surr)	*76*		*46 - 120*
Phenol-d5 (Surr)	*52*		*22 - 120*
p-Terphenyl-d14 (Surr)	*88*		*60 - 148*

Lab Sample ID: LCSD 480-588590/3-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 588590

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	25.2		ug/L		79	40 - 120	15	30
1,2-Dichlorobenzene	32.0	26.5		ug/L		83	49 - 120	15	29
1,3-Dichlorobenzene	32.0	24.8		ug/L		78	50 - 120	13	37
1,4-Dichlorobenzene	32.0	25.8		ug/L		81	51 - 120	14	36
2,2'-oxybis[1-chloropropane]	32.0	30.6		ug/L		96	21 - 136	17	24
2,4,5-Trichlorophenol	32.0	29.7		ug/L		93	65 - 126	5	18
2,4,6-Trichlorophenol	32.0	28.4		ug/L		89	64 - 120	6	19
2,4-Dichlorophenol	32.0	28.7		ug/L		90	63 - 120	8	19
2,4-Dimethylphenol	32.0	27.0		ug/L		84	47 - 120	8	42
2,4-Dinitrophenol	64.0	58.1		ug/L		91	31 - 137	19	22
2,4-Dinitrotoluene	32.0	32.0		ug/L		100	69 - 120	20	20
2,6-Dinitrotoluene	32.0	31.3		ug/L		98	68 - 120	11	15
2-Chloronaphthalene	32.0	27.6		ug/L		86	58 - 120	10	21
2-Chlorophenol	32.0	28.4		ug/L		89	48 - 120	11	25
2-Methylnaphthalene	32.0	26.5		ug/L		83	59 - 120	14	21
2-Methylphenol	32.0	28.2		ug/L		88	39 - 120	8	27
2-Nitroaniline	32.0	31.8	*1	ug/L		99	54 - 127	18	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-588590/3-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 588590

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Nitrophenol	32.0	29.7		ug/L		93	52 - 125	14	18
3,3'-Dichlorobenzidine	64.0	53.4		ug/L		83	49 - 135	1	25
3-Nitroaniline	32.0	26.8	*1	ug/L		84	51 - 120	23	19
4,6-Dinitro-2-methylphenol	64.0	71.2		ug/L		111	46 - 136	12	15
4-Bromophenyl phenyl ether	32.0	36.0		ug/L		113	65 - 120	11	15
4-Chloro-3-methylphenol	32.0	31.3		ug/L		98	61 - 123	10	27
4-Chloroaniline	32.0	24.7		ug/L		77	30 - 120	10	22
4-Chlorophenyl phenyl ether	32.0	29.4		ug/L		92	62 - 120	16	16
4-Methylphenol	32.0	28.0		ug/L		87	29 - 131	7	24
4-Nitroaniline	32.0	28.2	*1	ug/L		88	65 - 120	25	24
4-Nitrophenol	64.0	43.5		ug/L		68	45 - 120	6	48
Acenaphthene	32.0	28.9		ug/L		90	60 - 120	11	24
Acenaphthylene	32.0	29.9		ug/L		93	63 - 120	12	18
Anthracene	32.0	30.2		ug/L		94	67 - 120	12	15
Benzaldehyde	64.0	64.6		ug/L		101	10 - 140	16	20
Benzo[a]anthracene	32.0	31.9		ug/L		100	70 - 121	11	15
Benzo[a]pyrene	32.0	29.7		ug/L		93	60 - 123	15	15
Benzo[b]fluoranthene	32.0	32.5	*1	ug/L		101	66 - 126	18	15
Benzo[g,h,i]perylene	32.0	33.9	*1	ug/L		106	66 - 150	18	15
Benzo[k]fluoranthene	32.0	31.5		ug/L		98	65 - 124	14	22
Bis(2-chloroethoxy)methane	32.0	29.4		ug/L		92	50 - 128	13	17
Bis(2-chloroethyl)ether	32.0	29.2		ug/L		91	44 - 120	19	21
Bis(2-ethylhexyl) phthalate	32.0	34.9		ug/L		109	63 - 139	13	15
Butyl benzyl phthalate	32.0	35.7		ug/L		111	70 - 129	16	16
Carbazole	32.0	29.3		ug/L		92	66 - 123	10	20
Chrysene	32.0	31.9		ug/L		100	69 - 120	13	15
Dibenz(a,h)anthracene	32.0	34.1		ug/L		106	65 - 135	15	15
Dibenzofuran	32.0	28.5		ug/L		89	66 - 120	13	15
Diethyl phthalate	32.0	31.4		ug/L		98	59 - 127	9	15
Dimethyl phthalate	32.0	31.9		ug/L		100	68 - 120	10	15
Di-n-butyl phthalate	32.0	31.9		ug/L		100	69 - 131	10	15
Di-n-octyl phthalate	32.0	34.0		ug/L		106	63 - 140	10	16
Fluoranthene	32.0	30.4		ug/L		95	69 - 126	14	15
Fluorene	32.0	29.4		ug/L		92	66 - 120	11	15
Hexachlorobenzene	32.0	29.6		ug/L		92	61 - 120	13	15
Hexachlorobutadiene	32.0	24.0		ug/L		75	35 - 120	13	44
Hexachlorocyclopentadiene	32.0	20.6		ug/L		64	31 - 120	16	49
Hexachloroethane	32.0	25.4		ug/L		79	43 - 120	15	46
Indeno[1,2,3-cd]pyrene	32.0	33.2	*1	ug/L		104	69 - 146	17	15
Isophorone	32.0	29.5		ug/L		92	55 - 120	11	17
Naphthalene	32.0	26.2		ug/L		82	57 - 120	12	29
Nitrobenzene	32.0	28.5		ug/L		89	53 - 123	14	24
N-Nitrosodi-n-propylamine	32.0	31.0		ug/L		97	32 - 140	15	31
N-Nitrosodiphenylamine	32.0	30.3		ug/L		95	61 - 120	10	15
Pentachlorophenol	64.0	51.0		ug/L		80	29 - 136	12	37
Phenanthrene	32.0	31.0		ug/L		97	68 - 120	12	15
Phenol	32.0	19.2		ug/L		60	17 - 120	7	34
Pyrene	32.0	32.4		ug/L		101	70 - 125	17	19

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-588590/3-A
Matrix: Water
Analysis Batch: 589018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 588590

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*41 - 120*
2-Fluorobiphenyl	*91*		*48 - 120*
2-Fluorophenol (Surr)	*69*		*35 - 120*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*
Phenol-d5 (Surr)	*56*		*22 - 120*
p-Terphenyl-d14 (Surr)	*100*		*60 - 148*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-590126/1-A
Matrix: Water
Analysis Batch: 590213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 590126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		07/22/21 16:12	07/23/21 12:01	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*15 - 110*	*07/22/21 16:12*	*07/23/21 12:01*	*1*

Lab Sample ID: LCS 480-590126/2-A
Matrix: Water
Analysis Batch: 590213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 590126

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			1.00	1.05		ug/L		105	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*23*		*15 - 110*

Lab Sample ID: 480-187531-1 MS
Matrix: Water
Analysis Batch: 590213

Client Sample ID: WG-11209162-072121-BP-001
Prep Type: Total/NA
Prep Batch: 590126

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	3.1		2.22	5.73		ug/L		116	40 - 140		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*36*		*15 - 110*

Lab Sample ID: 480-187531-1 MSD
Matrix: Water
Analysis Batch: 590213

Client Sample ID: WG-11209162-072121-BP-001
Prep Type: Total/NA
Prep Batch: 590126

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.1		2.22	5.77		ug/L		118	40 - 140	1	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*40*		*15 - 110*

GC/MS VOA

Analysis Batch: 588064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186822-1	WG-11209162-070221-BP-001	Total/NA	Water	8260C	
480-186822-2	WG-11209162-070221-BP-002	Total/NA	Water	8260C	
480-186822-3	WG-11209162-070221-BP-003	Total/NA	Water	8260C	
480-186822-4	WG-11209162-070221-BP-004	Total/NA	Water	8260C	
480-186822-5	WG-11209162-070221-BP-005	Total/NA	Water	8260C	
480-186822-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-588064/7	Method Blank	Total/NA	Water	8260C	
LCS 480-588064/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 588217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-2	WG-11209162-070521-BP-007	Total/NA	Water	8260C	
480-186860-3	SW-11209162-070521-BP-008	Total/NA	Water	8260C	
480-186860-4	WG-11209162-070521-BP-009	Total/NA	Water	8260C	
480-186860-5	SW-11209162-070521-BP-010	Total/NA	Water	8260C	
480-186860-6	SW-11209162-070521-BP-011	Total/NA	Water	8260C	
MB 480-588217/7	Method Blank	Total/NA	Water	8260C	
LCS 480-588217/5	Lab Control Sample	Total/NA	Water	8260C	
480-186860-6 MS	SW-11209162-070521-BP-011	Total/NA	Water	8260C	
480-186860-6 MSD	SW-11209162-070521-BP-011	Total/NA	Water	8260C	

Analysis Batch: 588224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-588224/9	Method Blank	Total/NA	Water	8260C	
LCS 480-588224/7	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 588367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-1	WG-11209162-070521-BP-006	Total/NA	Water	8260C	
480-186860-2 - DL	WG-11209162-070521-BP-007	Total/NA	Water	8260C	
480-186860-4 - DL	WG-11209162-070521-BP-009	Total/NA	Water	8260C	
MB 480-588367/7	Method Blank	Total/NA	Water	8260C	
LCS 480-588367/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 588327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-1	WG-11209162-070521-BP-006	Total/NA	Water	3510C	
480-186860-2	WG-11209162-070521-BP-007	Total/NA	Water	3510C	
480-186860-3	SW-11209162-070521-BP-008	Total/NA	Water	3510C	
480-186860-4	WG-11209162-070521-BP-009	Total/NA	Water	3510C	
480-186860-5	SW-11209162-070521-BP-010	Total/NA	Water	3510C	
480-186860-6	SW-11209162-070521-BP-011	Total/NA	Water	3510C	
MB 480-588327/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-588327/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-186860-6 MS	SW-11209162-070521-BP-011	Total/NA	Water	3510C	
480-186860-6 MSD	SW-11209162-070521-BP-011	Total/NA	Water	3510C	

GC/MS Semi VOA

Analysis Batch: 588586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-1	WG-11209162-070521-BP-006	Total/NA	Water	8270D	588327
480-186860-2	WG-11209162-070521-BP-007	Total/NA	Water	8270D	588327
480-186860-3	SW-11209162-070521-BP-008	Total/NA	Water	8270D	588327
480-186860-6	SW-11209162-070521-BP-011	Total/NA	Water	8270D	588327
MB 480-588327/1-A	Method Blank	Total/NA	Water	8270D	588327
LCS 480-588327/2-A	Lab Control Sample	Total/NA	Water	8270D	588327
480-186860-6 MS	SW-11209162-070521-BP-011	Total/NA	Water	8270D	588327
480-186860-6 MSD	SW-11209162-070521-BP-011	Total/NA	Water	8270D	588327

Prep Batch: 588590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186822-1	WG-11209162-070221-BP-001	Total/NA	Water	3510C	
480-186822-2	WG-11209162-070221-BP-002	Total/NA	Water	3510C	
480-186822-3	WG-11209162-070221-BP-003	Total/NA	Water	3510C	
480-186822-4	WG-11209162-070221-BP-004	Total/NA	Water	3510C	
480-186822-5	WG-11209162-070221-BP-005	Total/NA	Water	3510C	
MB 480-588590/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-588590/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-588590/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 588752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186860-4	WG-11209162-070521-BP-009	Total/NA	Water	8270D	588327
480-186860-5	SW-11209162-070521-BP-010	Total/NA	Water	8270D	588327

Analysis Batch: 589018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186822-1	WG-11209162-070221-BP-001	Total/NA	Water	8270D	588590
480-186822-2	WG-11209162-070221-BP-002	Total/NA	Water	8270D	588590
480-186822-3	WG-11209162-070221-BP-003	Total/NA	Water	8270D	588590
480-186822-4	WG-11209162-070221-BP-004	Total/NA	Water	8270D	588590
480-186822-5	WG-11209162-070221-BP-005	Total/NA	Water	8270D	588590
MB 480-588590/1-A	Method Blank	Total/NA	Water	8270D	588590
LCS 480-588590/2-A	Lab Control Sample	Total/NA	Water	8270D	588590
LCSD 480-588590/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	588590

Prep Batch: 590126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187531-1	WG-11209162-072121-BP-001	Total/NA	Water	3510C	
480-187531-2	WG-11209162-072121-BP-002	Total/NA	Water	3510C	
480-187531-3	WG-11209162-072121-BP-003	Total/NA	Water	3510C	
480-187531-4	WG-11209162-072121-BP-004	Total/NA	Water	3510C	
480-187531-5	WG-11209162-072121-BP-005	Total/NA	Water	3510C	
480-187531-6	WG-11209162-072121-BP-006	Total/NA	Water	3510C	
480-187531-7	WG-1120982-072221-BP-007	Total/NA	Water	3510C	
480-187531-8	WG-1120982-072221-BP-008	Total/NA	Water	3510C	
480-187531-9	WG-1120982-072221-BP-009	Total/NA	Water	3510C	
MB 480-590126/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-590126/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-187531-1 MS	WG-11209162-072121-BP-001	Total/NA	Water	3510C	
480-187531-1 MSD	WG-11209162-072121-BP-001	Total/NA	Water	3510C	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

GC/MS Semi VOA

Analysis Batch: 590213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187531-1	WG-11209162-072121-BP-001	Total/NA	Water	8270D SIM ID	590126
480-187531-2	WG-11209162-072121-BP-002	Total/NA	Water	8270D SIM ID	590126
480-187531-3	WG-11209162-072121-BP-003	Total/NA	Water	8270D SIM ID	590126
480-187531-4	WG-11209162-072121-BP-004	Total/NA	Water	8270D SIM ID	590126
480-187531-5	WG-11209162-072121-BP-005	Total/NA	Water	8270D SIM ID	590126
480-187531-6	WG-11209162-072121-BP-006	Total/NA	Water	8270D SIM ID	590126
480-187531-7	WG-1120982-072221-BP-007	Total/NA	Water	8270D SIM ID	590126
480-187531-8	WG-1120982-072221-BP-008	Total/NA	Water	8270D SIM ID	590126
480-187531-9	WG-1120982-072221-BP-009	Total/NA	Water	8270D SIM ID	590126
MB 480-590126/1-A	Method Blank	Total/NA	Water	8270D SIM ID	590126
LCS 480-590126/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	590126
480-187531-1 MS	WG-11209162-072121-BP-001	Total/NA	Water	8270D SIM ID	590126
480-187531-1 MSD	WG-11209162-072121-BP-001	Total/NA	Water	8270D SIM ID	590126

Client Sample ID: WG-11209162-070221-BP-001
Lab Sample ID: 480-186822-1
Date Collected: 07/02/21 09:00
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 13:54	WJD	TAL BUF
Total/NA	Prep	3510C			588590	07/09/21 14:50	CMC	TAL BUF
Total/NA	Analysis	8270D		1	589018	07/14/21 17:24	JMM	TAL BUF

Client Sample ID: WG-11209162-070221-BP-002
Lab Sample ID: 480-186822-2
Date Collected: 07/02/21 10:30
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 14:17	WJD	TAL BUF
Total/NA	Prep	3510C			588590	07/09/21 14:50	CMC	TAL BUF
Total/NA	Analysis	8270D		1	589018	07/14/21 17:51	JMM	TAL BUF

Client Sample ID: WG-11209162-070221-BP-003
Lab Sample ID: 480-186822-3
Date Collected: 07/02/21 12:00
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 14:41	WJD	TAL BUF
Total/NA	Prep	3510C			588590	07/09/21 14:50	CMC	TAL BUF
Total/NA	Analysis	8270D		1	589018	07/14/21 18:18	JMM	TAL BUF

Client Sample ID: WG-11209162-070221-BP-004
Lab Sample ID: 480-186822-4
Date Collected: 07/02/21 13:30
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 15:06	WJD	TAL BUF
Total/NA	Prep	3510C			588590	07/09/21 14:50	CMC	TAL BUF
Total/NA	Analysis	8270D		1	589018	07/14/21 18:46	JMM	TAL BUF

Client Sample ID: WG-11209162-070221-BP-005
Lab Sample ID: 480-186822-5
Date Collected: 07/02/21 14:30
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 15:29	WJD	TAL BUF
Total/NA	Prep	3510C			588590	07/09/21 14:50	CMC	TAL BUF
Total/NA	Analysis	8270D		1	589018	07/14/21 19:13	JMM	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-186822-6
Date Collected: 07/02/21 00:00
Matrix: Water
Date Received: 07/03/21 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588064	07/06/21 15:52	WJD	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-070521-BP-006
Lab Sample ID: 480-186860-1
Date Collected: 07/05/21 07:30
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588367	07/08/21 11:59	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		1	588586	07/10/21 02:16	PJQ	TAL BUF

Client Sample ID: WG-11209162-070521-BP-007
Lab Sample ID: 480-186860-2
Date Collected: 07/05/21 09:00
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588217	07/07/21 14:56	AXK	TAL BUF
Total/NA	Analysis	8260C	DL	20	588367	07/08/21 12:20	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		1	588586	07/10/21 02:42	PJQ	TAL BUF

Client Sample ID: SW-11209162-070521-BP-008
Lab Sample ID: 480-186860-3
Date Collected: 07/05/21 13:10
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588217	07/07/21 15:18	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		20	588586	07/10/21 03:08	PJQ	TAL BUF

Client Sample ID: WG-11209162-070521-BP-009
Lab Sample ID: 480-186860-4
Date Collected: 07/05/21 11:45
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588217	07/07/21 15:40	AXK	TAL BUF
Total/NA	Analysis	8260C	DL	4	588367	07/08/21 12:42	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		1	588752	07/12/21 22:31	PJQ	TAL BUF

Client Sample ID: SW-11209162-070521-BP-010
Lab Sample ID: 480-186860-5
Date Collected: 07/05/21 13:00
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588217	07/07/21 16:01	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		5	588752	07/12/21 22:58	PJQ	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: SW-11209162-070521-BP-011
Lab Sample ID: 480-186860-6
Date Collected: 07/05/21 14:00
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588217	07/07/21 16:23	AXK	TAL BUF
Total/NA	Prep	3510C			588327	07/07/21 15:58	CMC	TAL BUF
Total/NA	Analysis	8270D		20	588586	07/09/21 21:27	PJQ	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-186860-7
Date Collected: 07/05/21 00:00
Matrix: Water
Date Received: 07/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588224	07/07/21 17:23	WJD	TAL BUF

Client Sample ID: WG-11209162-072121-BP-001
Lab Sample ID: 480-187531-1
Date Collected: 07/21/21 08:00
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 14:45	IMZ	TAL BUF

Client Sample ID: WG-11209162-072121-BP-002
Lab Sample ID: 480-187531-2
Date Collected: 07/21/21 09:00
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 16:44	IMZ	TAL BUF

Client Sample ID: WG-11209162-072121-BP-003
Lab Sample ID: 480-187531-3
Date Collected: 07/21/21 10:30
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 17:07	IMZ	TAL BUF

Client Sample ID: WG-11209162-072121-BP-004
Lab Sample ID: 480-187531-4
Date Collected: 07/21/21 10:45
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 17:31	IMZ	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Client Sample ID: WG-11209162-072121-BP-005
Lab Sample ID: 480-187531-5
Date Collected: 07/21/21 13:00
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 17:55	IMZ	TAL BUF

Client Sample ID: WG-11209162-072121-BP-006
Lab Sample ID: 480-187531-6
Date Collected: 07/21/21 14:45
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 18:19	IMZ	TAL BUF

Client Sample ID: WG-1120982-072221-BP-007
Lab Sample ID: 480-187531-7
Date Collected: 07/21/21 10:00
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 18:43	IMZ	TAL BUF

Client Sample ID: WG-1120982-072221-BP-008
Lab Sample ID: 480-187531-8
Date Collected: 07/21/21 12:00
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 19:06	IMZ	TAL BUF

Client Sample ID: WG-1120982-072221-BP-009
Lab Sample ID: 480-187531-9
Date Collected: 07/21/21 13:45
Matrix: Water
Date Received: 07/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			590126	07/22/21 16:12	CMC	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	590213	07/23/21 19:30	IMZ	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	2-Methylthiophene

Method Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3 Annual Groundwater

Job ID: 480-186822-1
SDG: 480-186822-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-186822-1	WG-11209162-070221-BP-001	Water	07/02/21 09:00	07/03/21 07:00
480-186822-2	WG-11209162-070221-BP-002	Water	07/02/21 10:30	07/03/21 07:00
480-186822-3	WG-11209162-070221-BP-003	Water	07/02/21 12:00	07/03/21 07:00
480-186822-4	WG-11209162-070221-BP-004	Water	07/02/21 13:30	07/03/21 07:00
480-186822-5	WG-11209162-070221-BP-005	Water	07/02/21 14:30	07/03/21 07:00
480-186822-6	TRIP BLANK	Water	07/02/21 00:00	07/03/21 07:00
480-186860-1	WG-11209162-070521-BP-006	Water	07/05/21 07:30	07/07/21 08:00
480-186860-2	WG-11209162-070521-BP-007	Water	07/05/21 09:00	07/07/21 08:00
480-186860-3	SW-11209162-070521-BP-008	Water	07/05/21 13:10	07/07/21 08:00
480-186860-4	WG-11209162-070521-BP-009	Water	07/05/21 11:45	07/07/21 08:00
480-186860-5	SW-11209162-070521-BP-010	Water	07/05/21 13:00	07/07/21 08:00
480-186860-6	SW-11209162-070521-BP-011	Water	07/05/21 14:00	07/07/21 08:00
480-186860-6 MS	SW-11209162-070521-BP-011	Water	07/05/21 14:00	07/07/21 08:00
480-186860-6 MSD	SW-11209162-070521-BP-011	Water	07/05/21 14:00	07/07/21 08:00
480-186860-7	TRIP BLANK	Water	07/05/21 00:00	07/07/21 08:00
480-187531-1	WG-11209162-072121-BP-001	Water	07/21/21 08:00	07/22/21 08:00
480-187531-1 MS	WG-11209162-072121-BP-001	Water	07/21/21 08:00	07/22/21 08:00
480-187531-1 MSD	WG-11209162-072121-BP-001	Water	07/21/21 08:00	07/22/21 08:00
480-187531-2	WG-11209162-072121-BP-002	Water	07/21/21 09:00	07/22/21 08:00
480-187531-3	WG-11209162-072121-BP-003	Water	07/21/21 10:30	07/22/21 08:00
480-187531-4	WG-11209162-072121-BP-004	Water	07/21/21 10:45	07/22/21 08:00
480-187531-5	WG-11209162-072121-BP-005	Water	07/21/21 13:00	07/22/21 08:00
480-187531-6	WG-11209162-072121-BP-006	Water	07/21/21 14:45	07/22/21 08:00
480-187531-7	WG-1120982-072221-BP-007	Water	07/21/21 10:00	07/22/21 08:00
480-187531-8	WG-1120982-072221-BP-008	Water	07/21/21 12:00	07/22/21 08:00
480-187531-9	WG-1120982-072221-BP-009	Water	07/21/21 13:45	07/22/21 08:00

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Albany #224

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: B. PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-162355-35668.3
Client Contact: Kathleen Willy	Phone: 518-248-1970	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: GHD Services Inc.	PWSID:			Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304	Compliance Project: Δ Yes Δ No			
Phone: 519-884-0510(Tel) 519-884-0525(Fax)	PO #: 7100848676			
Email: kathleen.willy@ghd.com	WO #:			
Project Name: Sterling Site #3 Annual Groundwater ,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone

480-186822 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - TCL SVOCs + TICs	8260C - TCL VOCs + TICs (incl Ethyl ether)	8270D_SIM_MS_ID - 8270 SIM - 1,4 Dioxane	8260C - TCL VOCs + TICs (incl Ethyl ether)	Total	Special Instructions/Note:
			Preservation Code:				N	N	N	A		
WG-1120916 2-070221-BP-001	7/2/21	0900	G	Water			2	3				
002		1030	G	Water			2	3				
003		1200	G	Water			2	3				
004		1330	G	Water			2	3				
005		1430	G				2	3				
TRIP BLANKS								2				

Page 93 of 98

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/2/21 1500	GHD	Karl Zadra	7/2/21 1500	Eurofins
Relinquished by: Karl Zadra	7/2/21 1700	Eurofins	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 7/3/21 700	Company DHD

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1 #1

7/28/2021

Ver: 11/01/2020

Eurofins TestAmerica, Buffalo Albany #224
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: BK PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-162355-35668.2
Client Contact: Kathleen Willy	Phone: 518-248-7470	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: ~~Page 2 of 3~~ Page 1 of 1
Company: GHD Services Inc	PWSID:			Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304	Compliance Project: Δ Yes Δ No			
Phone: 519-884-0510(Tel) 519-884-0525(Fax)	PO #: 7100848676			
Email: kathleen.willy@ghd.com	WO #:			
Project Name: Sterling Site #3 Annual Groundwater ,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - TCL SVOCs + TICs	8260C - TCL VOCs + TICs (incl Ethyl ether)	8270D_SIM_MS_ID - 8270 SIM - 1,4 Dioxane	8260C - TCL VOCs + TICs (incl Ethyl ether)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	A		
WG-1120962-070521-BP-006	7/5/21	0730	G	Water			2	3				
↓ ↓ ↓ ↓ 007		0900	G	Water			2	3				
SW-1120962-070521-BP-008		1310	G	Water			2	3				
WG-1120962-070521-BP-009		1145	G	Water			2	3				
SW-1120962-070521-BP-010		1300	G	Water			2	3				
↓ ↓ ↓ ↓ 011		1400	G	Water		Y	4	6				→ MS/MSD X 2
				Water								
TRIP BLANKS				Water				2				
				Water								
				Water								
				Water								

480-186860 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/6/21 0930	GHD	[signature]	7/6/21 0930	Eurofins
[signature]	7/6/21 1700	Eurofins	[signature]	7-7-21 800	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 ICE

Ver: 11/01/2020

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Albany #224

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: B. PICKERT	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-162905-35796.2
Client Contact: Kathleen Willy	Phone: 518-248-1970	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: GHD Services Inc.	PWSID:			Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kathleen.willy@ghd.com	WO #: (BW) 11209162			
Project Name: ~~41218248~~ Former Sterling Win 11209162 (SITE 3)	Project #: 48018689			
Site: SITE 3 - Sterling	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

480-187531 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 1,4 Dioxane	Containers	Special Instructions/Note:
Preservation Code:							A		
WG-11209162-07121-BP-001	7/21/24	0800		G Water			2	X	MS/MSD
002		0900		G Water			1		
003		1030		G Water			1		
004		0845					1		
005		1300					1		
006		1445					1		
WG-11209162-07221-BP-007	7/22/24	1000					1		
008		1200					1		
009		1345					1		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/22/24 1410	GHD		7-21-2021 1410	EFSA
2		7-21-2021 1700	EFSA			
3					7/22/21 0800	TAT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.2 #1

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-186822-1
SDG Number: 480-186822-1

Login Number: 186822
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, 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.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
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	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GHD
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-186822-1
SDG Number: 480-186822-1

Login Number: 186860
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, 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.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
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	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GHD
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-186822-1
SDG Number: 480-186822-1

Login Number: 187531
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, 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.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
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	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GHD
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	