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

Your ref: Site Code #442011
Our ref: 11209162-LTR-45

August 10, 2023

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. 366
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 July 2023.

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

- Performance of routine maintenance and landfill inspection
- Completion of la data validation for the spring 2023 groundwater sampling
- Preparation of the Periodic Review Report (PRR)

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

- Validation of the 2023 groundwater sampling data was completed. The laboratory data report and data verification memo are attached. The data will be further presented/discussed in the biennial PRR to be submitted to the NYSDEC by August 31, 2023

III. Identification of Deliverables Submitted During the Previous Month

- Submittal of the June 2023 Monthly Progress Report to the NYSDEC

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

- Submittal of the Monthly Progress Report
- Completion and submittal of the PRR
- Routine site inspection

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/45

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)

Data Verification Report

July 05, 2023

To	Kathy Galanti	**Project No.**	11209162
Copy to	File	**DVR No.**	N/A
From	Sue Scrocchi	**Contact No.**	716-205-1984
Project Name	Annual Groundwater Monitoring	**Email**	Susan.Scrocchi@ghd.com
Subject	Analytical Results and Data Verification Annual Groundwater Monitoring Eastman Kodak Company Sterling Site #3 East Greenbush, New York May-June 2023		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a data verification of analytical results for groundwater samples collected in support of the Groundwater Monitoring at the Eastman Kodak Company Sterling Site #3 during May and June 2023. Samples were submitted to Eurofins Buffalo 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 II 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, 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 "National Functional Guidelines for Organic Superfund Methods Data Review", USEPA 540-R-20-005, November 2020.

2. Sample Holding Time and Preservation

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

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 a low-level detection of di-n-butyl phthalate. All associated sample results with similar concentrations were qualified as non-detect (see Table 4).

4. Surrogate Spike Recoveries - Organic Analyses

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 volatile organic compound (VOC) and semi-volatile organic compound (SVOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Each individual surrogate compound is expected to meet the laboratory control limits. For SVOC analyses, it is generally acceptable for there to be one outlying surrogate in the base/neutral or acid fraction provided that the recovery is at least 10 percent.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

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

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

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.

If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

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

The MS/MSD samples were spiked with all compounds of interest. All 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 one trip blank sample and two field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for 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. Tentatively Identified Compounds (TICS)

Chromatographic peaks recorded during VOC and SVOC sample GC/MS analyses that are not target compounds, surrogates, or IS, are potential TICs.

A summary of the TICs reported by the laboratory is presented in Table 2. Per the "Guidelines", TICs that demonstrate a library search match of $\geq$ 85% were qualified as NJ, and TICs that demonstrate a library search match of < 85% were reported as an unknown in an estimated quantity (J).

9. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the sample-specific MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this report. No positive analyte detections less than the RL but greater than the sample-specific MDL were reported. Non-detect results were presented as non-detect at the RL in Table 2.

10. Conclusion

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

Regards

Sue Scrocchi
Data Management Team Leader

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May - June 2023

					Analysis/Parameters			
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:mm)**	**TCL VOCs, SSPs, TICs**	**TCL SVOCs, SSPs, TICs**	**1,4-Dioxane**	**Comments**
WG-11209162-051723-BP-001	MW-24B	Water	05/17/2023	08:00	X	X		
WG-11209162-051823-BP-010	MW-19B	Water	05/18/2023	08:30	X	X		
WG-11209162-051823-BP-011	MW-22BR	Water	05/18/2023	10:00	X	X		
TRIP BLANK	-	Water	05/18/2023	-	X			TRIP BLANK
WG-11209162-051723-BP-002	MW-23B	Water	05/17/2023	09:00	X	X		
WG-11209162-051723-BP-003	MW-14B	Water	05/17/2023	11:00	X	X		
WG-11209162-051723-BP-004	MW-7B	Water	05/17/2023	12:30	X	X		
SW-11209162-051723-BP-005	SW-1	Water	05/17/2023	13:30	X	X		MD/MSD
SW-11209162-051723-BP-006	SW-2	Water	05/17/2023	15:00	X	X		
SW-11209162-051723-BP-007	SW-2	Water	05/17/2023	15:10	X	X		FD(WG-11209162-051723-BP-006)
WG-11209162-051723-BP-008	MW-10B	Water	05/17/2023	17:00	X	X		
WG-11209162-051823-BP-009	MW-17B	Water	05/18/2023	07:00	X	X		
WG-11209162-053123-BP-001	MW-23B	Water	05/31/2023	08:00			X	
WG-11209162-053123-BP-002	MW-24B	Water	05/31/2023	09:30			X	
WG-11209162-053123-BP-003	MW-14B	Water	05/31/2023	12:00			X	MD/MSD
WG-11209162-053123-BP-004	MW-7B	Water	05/31/2023	13:30			X	

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May - June 2023

					Analysis/Parameters			
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:mm)**	**TCL VOCs, SSPs, TICs**	**TCL SVOCs, SSPs, TICs**	**1,4-Dioxane**	**Comments**
WG-11209162-053123-BP-005	MW-10B	Water	05/31/2023	16:00			X	
WG-11209162-060123-BP-006	MW-22BR	Water	06/01/2023	08:00			X	
WG-11209162-060123-BP-007	MW-19B	Water	06/01/2023	10:30			X	
WG-11209162-060123-BP-008	MW-17B	Water	06/01/2023	12:30			X	
WG-11209162-060123-BP-009	MW-19B	Water	06/01/2023	11:00			X	FD(WG-11209162060123-BP-007)

Notes:

TCL	- Target Compound List
VOCs	- Volatile Organic Compounds
SVOCs	- Semi-volatile Organic Compounds
TICs	- Tentatively Identified Compounds
SSPs	- Site-specific parameters
"-"	- Not applicable
FD	- Field Duplicate
MS/MSD	- Matrix Spike/Matrix Spike Duplicate

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-7B**	**MW-7B**	**MW-10B**	**MW-10B**
Sample ID:		**WG-11209162-051723-BP-004**	**WG-11209162-053123-BP-004**	**WG-11209162-051723-BP-008**	**WG-11209162-053123-BP-005**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/17/2023**	**5/31/2023**
Parameters	**Units**				
Volatile Organic Compounds					
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	1.5 J	-	2.1 J	-
2-Hexanone	µg/L	ND (10)	-	ND (10)	-
2-Methylthiophene	µg/L	ND (10)	-	ND (10)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	ND (10)	-
Acetone	µg/L	4.1 J	-	5.0 J	-
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	0.78 J	-	2.5 J	-
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)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-7B	MW-7B	MW-10B	MW-10B
Sample ID:		WG-11209162-051723-BP-004	WG-11209162-053123-BP-004	WG-11209162-051723-BP-008	WG-11209162-053123-BP-005
Sample Date:		5/17/2023	5/31/2023	5/17/2023	5/31/2023
Parameters	**Units**				
Volatile Organic Compounds (Continued)					
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)	-
Semi-volatile Organic Compounds					
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	-	3.4	-	ND (0.20)
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)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-7B**	**MW-7B**	**MW-10B**	**MW-10B**
Sample ID:		**WG-11209162-051723-BP-004**	**WG-11209162-053123-BP-004**	**WG-11209162-051723-BP-008**	**WG-11209162-053123-BP-005**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/17/2023**	**5/31/2023**
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)	-
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)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-7B**	**MW-7B**	**MW-10B**	**MW-10B**
Sample ID:		**WG-11209162-051723-BP-004**	**WG-11209162-053123-BP-004**	**WG-11209162-051723-BP-008**	**WG-11209162-053123-BP-005**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/17/2023**	**5/31/2023**
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)	-
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)	-
Semi-Volatile Organic Compounds-TIC					
10-Methyl-eicosane A	µg/L	-	-	-	-
11-Butyl-docosane A	µg/L	-	-	-	-
11-Pentyl-heneicosane A	µg/L	-	-	-	-
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene A	µg/L	-	-	-	-
2-Methyl-6-propyl-dodecaneA	µg/L	-	-	-	-
2-Methyloctadecane A	µg/L	-	-	-	-
2-Methyl-tricosane A	µg/L	-	-	-	-
3-methyl-eicosane A	µg/L	-	-	-	-
3-ol-Cholestan A	µg/L	-	-	-	-
5.alpha.-cholestan-3.Beta.-o A	µg/L	-	-	-	-
6-Propyl-tridecane A	µg/L	-	-	-	-
7-Hexyl-tridecane A	µg/L	6.9 TJN	-	6.7 TJN	-
Bisphenol A A	µg/L	-	-	8.2 TJN	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-7B	MW-7B	MW-10B	MW-10B
Sample ID:		WG-11209162-051723-BP-004	WG-11209162-053123-BP-004	WG-11209162-051723-BP-008	WG-11209162-053123-BP-005
Sample Date:		5/17/2023	5/31/2023	5/17/2023	5/31/2023
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Chloroacetone A	µg/L	5.9 TJN	-	-	-
Chloroiodomethane A	µg/L	22 TJN	-	-	-
Cholest-4-en-3-one A	µg/L	-	-	-	-
Cholestan-3-one A	µg/L	-	-	-	-
Cyclohexane A	µg/L	-	-	2.4 TJN	-
Diisopropylamine A	µg/L	-	-	-	-
Dipyrone A	µg/L	-	-	-	-
Docosane A	µg/L	-	-	-	-
Dodecanoic acid A	µg/L	-	-	-	-
Eicosane A	µg/L	-	-	8.9 TJN	-
Epicoprostanol A	µg/L	-	-	-	-
Heneicosane A	µg/L	-	-	3.6 TJN	-
Heptacosane A	µg/L	10 TJN	-	-	-
Heptadecane A	µg/L	-	-	-	-
Hexacosane A	µg/L	10 TJN	-	-	-
Hexadecane A	µg/L	-	-	5.6 TJN	-
Hexadecanoic Acid A	µg/L	48 TJN	-	-	-
Hexatriacontane A	µg/L	-	-	8.5 TJN	-
Hexobarbital A	µg/L	9.6 TJN	-	-	-
Lidocaine A	µg/L	-	-	-	-
Mephobarbital A	µg/L	-	-	-	-
Nonacosane A	µg/L	4.0 TJN	-	-	-
Nonadecane A	µg/L	-	-	-	-
Octacosane A	µg/L	8.4 TJN	-	3.0 TJN	-
Octadecane A	µg/L	-	-	-	-
Octadecanoic Acid A	µg/L	12 TJN	-	-	-
Pentacosane A	µg/L	12 TJN	-	8.1 TJN	-
Phenobarbital A	µg/L	33 TJN	-	-	-
Phenobarbital di-methyl derivative A	µg/L	-	-	-	-
Talbutal A	µg/L	4.5 TJN	-	-	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-7B**	**MW-7B**	**MW-10B**	**MW-10B**
Sample ID:		**WG-11209162-051723-BP-004**	**WG-11209162-053123-BP-004**	**WG-11209162-051723-BP-008**	**WG-11209162-053123-BP-005**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/17/2023**	**5/31/2023**
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Tetracosane A	µg/L	-	-	-	-
Tetradecanoic acid A	µg/L	-	-	-	-
Triacontane A	µg/L	2.6 TJN	-	-	-
Tricosane A	µg/L	9.1 TJN	-	2.0 TJN	-
Triethylamine A	µg/L	-	-	-	-
Unknowns	µg/L	182 TJ		152 TJ	

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-14B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-11209162-051723-BP-003	WG-11209162-053123-BP-003	WG-11209162-051823-BP-009	WG-11209162-060123-BP-008
Sample Date:		5/17/2023	5/31/2023	5/18/2023	6/1/2023
Parameters	**Units**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	ND (5.0)	-	ND (100)	-
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	-	ND (100)	-
1,1,2-Trichloroethane	µg/L	ND (5.0)	-	ND (100)	-
1,1-Dichloroethane	µg/L	ND (5.0)	-	ND (100)	-
1,1-Dichloroethene	µg/L	ND (5.0)	-	ND (100)	-
1,2-Dichloroethane	µg/L	ND (5.0)	-	ND (100)	-
1,2-Dichloropropane	µg/L	ND (5.0)	-	ND (100)	-
2-Butanone (Methyl Ethyl Ketone)	µg/L	1.7 J	-	ND (200)	-
2-Hexanone	µg/L	ND (10)	-	ND (200)	-
2-Methylthiophene	µg/L	ND (10)	-	ND (200)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	ND (200)	-
Acetone	µg/L	4.0 J	-	ND (200)	-
Benzene	µg/L	ND (1.0)	-	ND (20)	-
Bromodichloromethane	µg/L	ND (5.0)	-	ND (100)	-
Bromoform	µg/L	ND (5.0)	-	ND (100)	-
Bromomethane (Methyl Bromide)	µg/L	ND (10)	-	ND (200)	-
Carbon disulfide	µg/L	ND (5.0)	-	ND (100)	-
Carbon tetrachloride	µg/L	ND (5.0)	-	ND (100)	-
Chlorobenzene	µg/L	ND (5.0)	-	ND (100)	-
Chloroethane	µg/L	ND (10)	-	ND (200)	-
Chloroform (Trichloromethane)	µg/L	ND (5.0)	-	ND (100)	-
Chloromethane (Methyl Chloride)	µg/L	ND (10)	-	ND (200)	-
cis-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (100)	-
cis-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (100)	-
Dibromochloromethane	µg/L	ND (5.0)	-	ND (100)	-
Ethyl Ether	µg/L	ND (10)	-	720	-
Ethylbenzene	µg/L	ND (5.0)	-	ND (100)	-
m&p-Xylene	µg/L	ND (5.0)	-	ND (100)	-
Methylene chloride	µg/L	ND (5.0)	-	ND (100)	-
o-Xylene	µg/L	ND (5.0)	-	ND (100)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-14B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-11209162-051723-BP-003	WG-11209162-053123-BP-003	WG-11209162-051823-BP-009	WG-11209162-060123-BP-008
Sample Date:		5/17/2023	5/31/2023	5/18/2023	6/1/2023
Parameters	**Units**				
Volatile Organic Compounds (Continued)					
Styrene	µg/L	ND (5.0)	-	ND (100)	-
Tetrachloroethene	µg/L	ND (5.0)	-	ND (100)	-
Toluene	µg/L	1.6 J	-	ND (100)	-
trans-1,2-Dichloroethene	µg/L	ND (5.0)	-	ND (100)	-
trans-1,3-Dichloropropene	µg/L	ND (5.0)	-	ND (100)	-
Trichloroethene	µg/L	ND (5.0)	-	ND (100)	-
Vinyl chloride	µg/L	ND (10)	-	ND (200)	-
Semi-volatile Organic Compounds					
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	-	ND (0.20)	-	3.3
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)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-14B**	**MW-14B**	**MW-17B**	**MW-17B**
Sample ID:		**WG-11209162-051723-BP-003**	**WG-11209162-053123-BP-003**	**WG-11209162-051823-BP-009**	**WG-11209162-060123-BP-008**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/18/2023**	**6/1/2023**
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)	-
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	0.34 J	-	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	0.42 J	-	ND (5.0)	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-14B**	**MW-14B**	**MW-17B**	**MW-17B**
Sample ID:		**WG-11209162-051723-BP-003**	**WG-11209162-053123-BP-003**	**WG-11209162-051823-BP-009**	**WG-11209162-060123-BP-008**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/18/2023**	**6/1/2023**
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)	-
Naphthalene	µg/L	ND (5.0)	-	1.3 J	-
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)	-	0.95 J	-
Pyrene	µg/L	ND (5.0)	-	ND (5.0)	-
Semi-Volatile Organic Compounds-TIC					
10-Methyl-eicosane A	µg/L	-	-	-	-
11-Butyl-docosane A	µg/L	8.4 TJN	-	-	-
11-Pentyl-heneicosane A	µg/L	-	-	-	-
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene A	µg/L	-	-	-	-
2-Methyl-6-propyl-dodecaneA	µg/L	-	-	-	-
2-Methyloctadecane A	µg/L	-	-	-	-
2-Methyl-tricosane A	µg/L	-	-	-	-
3-methyl-eicosane A	µg/L	8.1 TJN	-	-	-
3-ol-Cholestan A	µg/L	-	-	18 TJN	-
5.alpha.-cholestan-3.Beta.-o A	µg/L	-	-	-	-
6-Propyl-tridecane A	µg/L	-	-	-	-
7-Hexyl-tridecane A	µg/L	-	-	-	-
Bisphenol A A	µg/L	-	-	8.2 TJN	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-14B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-11209162-051723-BP-003	WG-11209162-053123-BP-003	WG-11209162-051823-BP-009	WG-11209162-060123-BP-008
Sample Date:		5/17/2023	5/31/2023	5/18/2023	6/1/2023
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Chloroacetone A	µg/L	-	-	-	-
Chloroiodomethane A	µg/L	-	-	-	-
Cholest-4-en-3-one A	µg/L	-	-	-	-
Cholestan-3-one A	µg/L	-	-	-	-
Cyclohexane A	µg/L	4.1 TJN	-	-	-
Diisopropylamine A	µg/L	-	-	-	-
Dipyrone A	µg/L	-	-	24 TJN	-
Docosane A	µg/L	-	-	11 TJN	-
Dodecanoic acid A	µg/L	-	-	-	-
Eicosane A	µg/L	1.8 TJN	-	10 TJN	-
Epicoprostanol A	µg/L	-	-	18 TJN	-
Heneicosane A	µg/L	2.0 TJN	-	-	-
Heptacosane A	µg/L	-	-	-	-
Heptadecane A	µg/L	-	-	7.8 TJN	-
Hexacosane A	µg/L	-	-	-	-
Hexadecane A	µg/L	-	-	-	-
Hexadecanoic Acid A	µg/L	-	-	-	-
Hexatriacontane A	µg/L	-	-	-	-
Hexobarbital A	µg/L	-	-	18 TJN	-
Lidocaine A	µg/L	-	-	-	-
Mephobarbital A	µg/L	-	-	48 TJN	-
Nonacosane A	µg/L	-	-	-	-
Nonadecane A	µg/L	-	-	-	-
Octacosane A	µg/L	5.7 TJN	-	7.1 TJN	-
Octadecane A	µg/L	-	-	-	-
Octadecanoic Acid A	µg/L	-	-	-	-
Pentacosane A	µg/L	8.2 TJN	-	12 TJN	-
Phenobarbital A	µg/L	-	-	54 TJN	-
Phenobarbital di-methyl derivative A	µg/L	-	-	8.4 TJN	-
Talbutal A	µg/L	-	-	36 TJN	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-14B**	**MW-14B**	**MW-17B**	**MW-17B**
Sample ID:		**WG-11209162-051723-BP-003**	**WG-11209162-053123-BP-003**	**WG-11209162-051823-BP-009**	**WG-11209162-060123-BP-008**
Sample Date:		**5/17/2023**	**5/31/2023**	**5/18/2023**	**6/1/2023**
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Tetracosane A	µg/L	7.6 TJN	-	-	-
Tetradecanoic acid A	µg/L	-	-	-	-
Triacontane A	µg/L	-	-	-	-
Tricosane A	µg/L	-	-	-	-
Triethylamine A	µg/L	-	-	220 TJN	-
Unknowns	µg/L	147 TJ		1302 TJ	

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Volatile Organic Compounds					
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	2.0 J	-	-	1.8 J
2-Hexanone	µg/L	ND (10)	-	-	ND (10)
2-Methylthiophene	µg/L	ND (10)	-	-	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	-	-	ND (10)
Acetone	µg/L	4.0 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	42	-	-	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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Volatile Organic Compounds (Continued)					
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)
Semi-volatile Organic Compounds					
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	-	0.53	0.58	-
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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)
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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)
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)
Semi-Volatile Organic Compounds-TIC					
10-Methyl-eicosane A	µg/L	2.3 TJN	-	-	-
11-Butyl-docosane A	µg/L	-	-	-	-
11-Pentyl-heneicosane A	µg/L	-	-	-	4.0 TJN
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene A	µg/L	-	-	-	-
2-Methyl-6-propyl-dodecaneA	µg/L	3.6 TJN	-	-	-
2-Methyloctadecane A	µg/L	-	-	-	-
2-Methyl-tricosane A	µg/L	-	-	-	-
3-methyl-eicosane A	µg/L	-	-	-	-
3-ol-Cholestan A	µg/L	-	-	-	-
5.alpha.-cholestan-3.Beta.-o A	µg/L	100 TJN	-	-	-
6-Propyl-tridecane A	µg/L	-	-	-	2.8 TJN
7-Hexyl-tridecane A	µg/L	-	-	-	-
Bisphenol A A	µg/L	-	-	-	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Chloroacetone A	µg/L	-	-	-	-
Chloroiodomethane A	µg/L	-	-	-	-
Cholest-4-en-3-one A	µg/L	6.0 TJN	-	-	-
Cholestan-3-one A	µg/L	24 TJN	-	-	-
Cyclohexane A	µg/L	-	-	-	1.8 TJN
Diisopropylamine A	µg/L	67 TJN	-	-	-
Dipyrone A	µg/L	-	-	-	-
Docosane A	µg/L	-	-	-	-
Dodecanoic acid A	µg/L	-	-	-	-
Eicosane A	µg/L	4.9 TJN	-	-	-
Epicoprostanol A	µg/L	40 TJN	-	-	-
Heneicosane A	µg/L	-	-	-	-
Heptacosane A	µg/L	5.0 TJN	-	-	-
Heptadecane A	µg/L	-	-	-	-
Hexacosane A	µg/L	-	-	-	2.6 TJN
Hexadecane A	µg/L	-	-	-	-
Hexadecanoic Acid A	µg/L	-	-	-	-
Hexatriacontane A	µg/L	-	-	-	-
Hexobarbital A	µg/L	-	-	-	-
Lidocaine A	µg/L	2.5 TJN	-	-	-
Mephobarbital A	µg/L	5.6 TJN	-	-	-
Nonacosane A	µg/L	-	-	-	-
Nonadecane A	µg/L	5.9 TJN	-	-	-
Octacosane A	µg/L	3.4 TJN	-	-	3.7 TJN
Octadecane A	µg/L	-	-	-	-
Octadecanoic Acid A	µg/L	-	-	-	-
Pentacosane A	µg/L	-	-	-	3.6 TJN
Phenobarbital A	µg/L	3.3 TJN	-	-	-
Phenobarbital di-methyl derivative A	µg/L	-	-	-	-
Talbutal A	µg/L	-	-	-	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-19B	MW-19B	MW-19B	MW-22BR
Sample ID:		WG-11209162-051823-BP-010	WG-11209162-060123-BP-007	WG-11209162-060123-BP-009	WG-11209162-051823-BP-011
Sample Date:		5/18/2023	6/1/2023	6/1/2023	5/18/2023
				Duplicate	
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Tetracosane A	µg/L	-	-	-	-
Tetradecanoic acid A	µg/L	-	-	-	-
Triacontane A	µg/L	-	-	-	-
Tricosane A	µg/L	-	-	-	-
Triethylamine A	µg/L	34 TJN	-	-	-
Unknowns	µg/L	250 TJ			122 TJ

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-22BR	MW-23B	MW-23B	MW-24B
Sample ID:		WG-11209162-060123-BP-006	WG-11209162-051723-BP-002	WG-11209162-053123-BP-001	WG-11209162-051723-BP-001
Sample Date:		6/1/2023	5/17/2023	5/31/2023	5/17/2023
Parameters	**Units**				
Volatile Organic Compounds					
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	-	ND (10)	-	2.3 J
2-Hexanone	µg/L	-	ND (10)	-	ND (10)
2-Methylthiophene	µg/L	-	ND (10)	-	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	-	ND (10)	-	ND (10)
Acetone	µg/L	-	4.3 J	-	3.9 J
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)	-	0.30 J
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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-22BR	MW-23B	MW-23B	MW-24B
Sample ID:		WG-11209162-060123-BP-006	WG-11209162-051723-BP-002	WG-11209162-053123-BP-001	WG-11209162-051723-BP-001
Sample Date:		6/1/2023	5/17/2023	5/31/2023	5/17/2023
Parameters	**Units**				
Volatile Organic Compounds (Continued)					
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)
Semi-volatile Organic Compounds					
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	ND (0.20)	-	ND (0.20)	-
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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-22BR	MW-23B	MW-23B	MW-24B
Sample ID:		WG-11209162-060123-BP-006	WG-11209162-051723-BP-002	WG-11209162-053123-BP-001	WG-11209162-051723-BP-001
Sample Date:		6/1/2023	5/17/2023	5/31/2023	5/17/2023
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)
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)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-22BR	MW-23B	MW-23B	MW-24B
Sample ID:		WG-11209162-060123-BP-006	WG-11209162-051723-BP-002	WG-11209162-053123-BP-001	WG-11209162-051723-BP-001
Sample Date:		6/1/2023	5/17/2023	5/31/2023	5/17/2023
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
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)
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)	-	0.55 J
Pyrene	µg/L	-	ND (5.0)	-	ND (5.0)
Semi-Volatile Organic Compounds-TIC					
10-Methyl-eicosane A	µg/L	-	-	-	-
11-Butyl-docosane A	µg/L	-	-	-	-
11-Pentyl-heneicosane A	µg/L	-	-	-	-
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene A	µg/L	-	-	-	13 TJN
2-Methyl-6-propyl-dodecaneA	µg/L	-	-	-	-
2-Methyloctadecane A	µg/L	-	-	-	-
2-Methyl-tricosane A	µg/L	-	3.4 TJN	-	-
3-methyl-eicosane A	µg/L	-	-	-	-
3-ol-Cholestan A	µg/L	-	-	-	-
5.alpha.-cholestan-3.Beta.-o A	µg/L	-	-	-	-
6-Propyl-tridecane A	µg/L	-	-	-	-
7-Hexyl-tridecane A	µg/L	-	-	-	-
Bisphenol A A	µg/L	-	-	-	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-22BR	MW-23B	MW-23B	MW-24B
Sample ID:		WG-11209162-060123-BP-006	WG-11209162-051723-BP-002	WG-11209162-053123-BP-001	WG-11209162-051723-BP-001
Sample Date:		6/1/2023	5/17/2023	5/31/2023	5/17/2023
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Chloroacetone A	µg/L	-	-	-	-
Chloroiodomethane A	µg/L	-	-	-	-
Cholest-4-en-3-one A	µg/L	-	-	-	-
Cholestan-3-one A	µg/L	-	-	-	-
Cyclohexane A	µg/L	-	-	-	-
Diisopropylamine A	µg/L	-	-	-	-
Dipyrone A	µg/L	-	-	-	-
Docosane A	µg/L	-	-	-	-
Dodecanoic acid A	µg/L	-	-	-	-
Eicosane A	µg/L	-	5.0 TJN	-	-
Epicoprostanol A	µg/L	-	-	-	-
Heneicosane A	µg/L	-	-	-	-
Heptacosane A	µg/L	-	5.0 TJN	-	6.4 TJN
Heptadecane A	µg/L	-	-	-	5.7 TJN
Hexacosane A	µg/L	-	-	-	11 TJN
Hexadecane A	µg/L	-	-	-	-
Hexadecanoic Acid A	µg/L	-	-	-	4.2 TJN
Hexatriacontane A	µg/L	-	-	-	11 TJN
Hexobarbital A	µg/L	-	-	-	-
Lidocaine A	µg/L	-	-	-	-
Mephobarbital A	µg/L	-	-	-	-
Nonacosane A	µg/L	-	-	-	8.2 TJN
Nonadecane A	µg/L	-	-	-	-
Octacosane A	µg/L	-	3.2 TJN	-	11 TJN
Octadecane A	µg/L	-	2.2 TJN	-	5.1 TJN
Octadecanoic Acid A	µg/L	-	-	-	-
Pentacosane A	µg/L	-	4.8 TJN	-	9.2 TJN
Phenobarbital A	µg/L	-	-	-	-
Phenobarbital di-methyl derivative A	µg/L	-	-	-	-
Talbutal A	µg/L	-	-	-	-

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-22BR**	**MW-23B**	**MW-23B**	**MW-24B**
Sample ID:		**WG-11209162-060123-BP-006**	**WG-11209162-051723-BP-002**	**WG-11209162-053123-BP-001**	**WG-11209162-051723-BP-001**
Sample Date:		**6/1/2023**	**5/17/2023**	**5/31/2023**	**5/17/2023**
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Tetracosane A	µg/L	-	-	-	-
Tetradecanoic acid A	µg/L	-	-	-	-
Triacontane A	µg/L	-	-	-	-
Tricosane A	µg/L	-	1.7 TJN	-	3.1 TJN
Triethylamine A	µg/L	-	-	-	-
Unknowns	µg/L		129 TJ		190 TJ

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-24B	SW-1	SW-2	SW-2
Sample ID:		WG-11209162-053123-BP-002	SW-11209162-051723-BP-005	SW-11209162-051723-BP-006	SW-11209162-051723-BP-007
Sample Date:		5/31/2023	5/17/2023	5/17/2023	5/17/2023
					Duplicate
Parameters	**Units**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	-	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	-	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	-	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	-	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	-	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl Ethyl Ketone)	µg/L	-	ND (20)	ND (20)	ND (20)
2-Hexanone	µg/L	-	ND (20)	ND (20)	ND (20)
2-Methylthiophene	µg/L	-	ND (20)	ND (20)	ND (20)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	-	ND (20)	ND (20)	ND (20)
Acetone	µg/L	-	ND (20)	ND (20)	ND (20)
Benzene	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl Bromide)	µg/L	-	ND (20)	ND (20)	ND (20)
Carbon disulfide	µg/L	-	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	-	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	-	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	-	ND (20)	ND (20)	ND (20)
Chloroform (Trichloromethane)	µg/L	-	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl Chloride)	µg/L	-	ND (20)	ND (20)	ND (20)
cis-1,2-Dichloroethene	µg/L	-	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)
Ethyl Ether	µg/L	-	ND (20)	ND (20)	ND (20)
Ethylbenzene	µg/L	-	ND (10)	ND (10)	ND (10)
m&p-Xylene	µg/L	-	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	-	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	-	ND (10)	ND (10)	ND (10)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-24B	SW-1	SW-2	SW-2
Sample ID:		WG-11209162-053123-BP-002	SW-11209162-051723-BP-005	SW-11209162-051723-BP-006	SW-11209162-051723-BP-007
Sample Date:		5/31/2023	5/17/2023	5/17/2023	5/17/2023
					Duplicate
Parameters	**Units**				
Volatile Organic Compounds (Continued)					
Styrene	µg/L	-	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	-	ND (10)	ND (10)	ND (10)
Toluene	µg/L	-	ND (10)	1.1 J	1.1 J
trans-1,2-Dichloroethene	µg/L	-	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	-	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	-	ND (20)	ND (20)	ND (20)
Semi-volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/L	-	ND (10)	ND (50)	ND (50)
1,2-Dichlorobenzene	µg/L	-	ND (10)	ND (50)	ND (50)
1,3-Dichlorobenzene	µg/L	-	ND (10)	ND (50)	ND (50)
1,4-Dichlorobenzene	µg/L	-	ND (10)	ND (50)	ND (50)
1,4-Dioxane	µg/L	ND (0.20)	-	-	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,4,5-Trichlorophenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,4-Dichlorophenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,4-Dimethylphenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,4-Dinitrophenol	µg/L	-	ND (10)	ND (50)	ND (50)
2,4-Dinitrotoluene	µg/L	-	ND (5.0)	ND (25)	ND (25)
2,6-Dinitrotoluene	µg/L	-	ND (5.0)	ND (25)	ND (25)
2-Chloronaphthalene	µg/L	-	ND (5.0)	ND (25)	ND (25)
2-Chlorophenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2-Methylnaphthalene	µg/L	-	ND (5.0)	ND (25)	ND (25)
2-Methylphenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
2-Nitroaniline	µg/L	-	ND (10)	ND (50)	ND (50)
2-Nitrophenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
3,3'-Dichlorobenzidine	µg/L	-	ND (5.0)	ND (25)	ND (25)
3-Nitroaniline	µg/L	-	ND (10)	ND (50)	ND (50)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-24B	SW-1	SW-2	SW-2
Sample ID:		WG-11209162-053123-BP-002	SW-11209162-051723-BP-005	SW-11209162-051723-BP-006	SW-11209162-051723-BP-007
Sample Date:		5/31/2023	5/17/2023	5/17/2023	5/17/2023
					Duplicate
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
4,6-Dinitro-2-methylphenol	µg/L	-	ND (10)	ND (50)	ND (50)
4-Bromophenyl phenyl ether	µg/L	-	ND (5.0)	ND (25)	ND (25)
4-Chloro-3-methylphenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
4-Chloroaniline	µg/L	-	ND (5.0)	ND (25)	ND (25)
4-Chlorophenyl phenyl ether	µg/L	-	ND (5.0)	ND (25)	ND (25)
4-Methylphenol	µg/L	-	ND (10)	ND (50)	ND (50)
4-Nitroaniline	µg/L	-	ND (10)	ND (50)	ND (50)
4-Nitrophenol	µg/L	-	ND (10)	ND (50)	ND (50)
Acenaphthene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Acenaphthylene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Anthracene	µg/L	-	0.40 J	ND (25)	ND (25)
Benzaldehyde	µg/L	-	ND (5.0)	ND (25)	ND (25)
Benzo(a)anthracene	µg/L	-	0.41 J	ND (25)	ND (25)
Benzo(a)pyrene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Benzo(b)fluoranthene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Benzo(g,h,i)perylene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Benzo(k)fluoranthene	µg/L	-	ND (5.0)	ND (25)	ND (25)
bis(2-Chloroethoxy)methane	µg/L	-	ND (5.0)	ND (25)	ND (25)
bis(2-Chloroethyl)ether	µg/L	-	ND (5.0)	ND (25)	ND (25)
bis(2-Ethylhexyl)phthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Butyl benzylphthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Carbazole	µg/L	-	ND (5.0)	ND (25)	ND (25)
Chrysene	µg/L	-	0.43 J	ND (25)	ND (25)
Dibenz(a,h)anthracene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Dibenzofuran	µg/L	-	ND (10)	ND (50)	ND (50)
Diethyl phthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Dimethyl phthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Di-n-butylphthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Di-n-octyl phthalate	µg/L	-	ND (5.0)	ND (25)	ND (25)
Fluoranthene	µg/L	-	1.7 J	ND (25)	ND (25)

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-24B	SW-1	SW-2	SW-2
Sample ID:		WG-11209162-053123-BP-002	SW-11209162-051723-BP-005	SW-11209162-051723-BP-006	SW-11209162-051723-BP-007
Sample Date:		5/31/2023	5/17/2023	5/17/2023	5/17/2023
					Duplicate
Parameters	**Units**				
Semi-volatile Organic Compounds (Continued)					
Fluorene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Hexachlorobenzene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Hexachlorobutadiene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Hexachlorocyclopentadiene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Hexachloroethane	µg/L	-	ND (5.0)	ND (25)	ND (25)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (5.0)	ND (25)	ND (25)
Isophorone	µg/L	-	ND (5.0)	ND (25)	ND (25)
Naphthalene	µg/L	-	2.5 J	ND (25)	ND (25)
Nitrobenzene	µg/L	-	ND (5.0)	ND (25)	ND (25)
N-Nitrosodi-n-propylamine	µg/L	-	ND (5.0)	ND (25)	ND (25)
N-Nitrosodiphenylamine	µg/L	-	ND (5.0)	ND (25)	ND (25)
Pentachlorophenol	µg/L	-	ND (10)	ND (50)	ND (50)
Phenanthrene	µg/L	-	1.5 J	ND (25)	ND (25)
Phenol	µg/L	-	ND (5.0)	ND (25)	ND (25)
Pyrene	µg/L	-	1.1 J	ND (25)	ND (25)
Semi-Volatile Organic Compounds-TIC					
10-Methyl-eicosane A	µg/L	-	-	-	-
11-Butyl-docosane A	µg/L	-	10 TJN	-	-
11-Pentyl-heneicosane A	µg/L	-	-	-	-
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene A	µg/L	-	-	-	-
2-Methyl-6-propyl-dodecaneA	µg/L	-	-	-	-
2-Methyloctadecane A	µg/L	-	-	-	9.6 TJN
2-Methyl-tricosane A	µg/L	-	-	-	-
3-methyl-eicosane A	µg/L	-	-	-	-
3-ol-Cholestan A	µg/L	-	-	-	-
5.alpha.-cholestan-3.Beta.-o A	µg/L	-	-	-	-
6-Propyl-tridecane A	µg/L	-	-	-	-
7-Hexyl-tridecane A	µg/L	-	-	-	-
Bisphenol A A	µg/L	-	5.0 TJN	38 TJN	39 TJN

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		MW-24B	SW-1	SW-2	SW-2
Sample ID:		WG-11209162-053123-BP-002	SW-11209162-051723-BP-005	SW-11209162-051723-BP-006	SW-11209162-051723-BP-007
Sample Date:		5/31/2023	5/17/2023	5/17/2023	5/17/2023
					Duplicate
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Chloroacetone A	µg/L	-	-	-	-
Chloroiodomethane A	µg/L	-	-	32 TJN	12 TJN
Cholest-4-en-3-one A	µg/L	-	-	-	-
Cholestan-3-one A	µg/L	-	-	-	-
Cyclohexane A	µg/L	-	-	100 TJN	93 TJN
Diisopropylamine A	µg/L	-	-	-	-
Dipyrone A	µg/L	-	-	-	-
Docosane A	µg/L	-	-	-	-
Dodecanoic acid A	µg/L	-	38 TJN	-	-
Eicosane A	µg/L	-	8.5 TJN	-	-
Epicoprostanol A	µg/L	-	-	-	-
Heneicosane A	µg/L	-	-	-	8.2 TJN
Heptacosane A	µg/L	-	12 TJN	-	9.1 TJN
Heptadecane A	µg/L	-	-	-	-
Hexacosane A	µg/L	-	13 TJN	-	-
Hexadecane A	µg/L	-	-	-	-
Hexadecanoic Acid A	µg/L	-	8.4 TJN	-	-
Hexatriacontane A	µg/L	-	-	-	-
Hexobarbital A	µg/L	-	-	-	-
Lidocaine A	µg/L	-	-	-	-
Mephobarbital A	µg/L	-	-	-	-
Nonacosane A	µg/L	-	-	-	-
Nonadecane A	µg/L	-	-	-	-
Octacosane A	µg/L	-	-	-	-
Octadecane A	µg/L	-	-	-	-
Octadecanoic Acid A	µg/L	-	-	-	-
Pentacosane A	µg/L	-	-	-	-
Phenobarbital A	µg/L	-	-	-	-
Phenobarbital di-methyl derivative A	µg/L	-	-	-	-
Talbutal A	µg/L	-	-	-	-

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May-June 2023

Sample Location:		**MW-24B**	**SW-1**	**SW-2**	**SW-2**
Sample ID:		**WG-11209162-053123-BP-002**	**SW-11209162-051723-BP-005**	**SW-11209162-051723-BP-006**	**SW-11209162-051723-BP-007**
Sample Date:		**5/31/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**
					Duplicate
Parameters	**Units**				
Semi-Volatile Organic Compounds-TIC (Continued)					
Tetracosane A	µg/L	-	10 TJN	-	-
Tetradecanoic acid A	µg/L	-	11 TJN	-	-
Triacontane A	µg/L	-	-	-	-
Tricosane A	µg/L	-	5.0 TJN	-	-
Triethylamine A	µg/L	-	-	-	-
Unknowns	µg/L		202 TJ	170 TJ	178 TJ

Notes:

J - Estimated concentration.
ND - Not detected at the associated reporting limit.
TJ - Estimated TIC.
TJN - Estimated TIC.
"-" - Not analyzed
TIC - Tentatively Identified Compounds

Table 3

Analytical Methods
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May - June 2023

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

Notes:

TCL - Target Compound List
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
Annual Sampling
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
May - June 2023

Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
SVOCs	Di-n-butylphthalate	05/19/2023	0.853 J	WG-11209162-051723-BP-001	0.67 J	ND (5.0)	µg/L
				WG-11209162-051723-BP-002	0.40 J	ND (5.0)	µg/L
				WG-11209162-051723-BP-003	0.55 J	ND (5.0)	µg/L
				WG-11209162-051723-BP-004	0.54 J	ND (5.0)	µg/L
				WG-11209162-051723-BP-005	0.62 J	ND (5.0)	µg/L
				WG-11209162-051723-BP-008	0.83 J	ND (5.0)	µg/L
				WG-11209162-051823-BP-009	0.98 J	ND (5.0)	µg/L
				WG-11209162-051823-BP-010	0.64 J	ND (5.0)	µg/L
				WG-11209162-051823-BP-011	0.37 J	ND (5.0)	µg/L

Notes:

* - Blank result adjusted for sample factors where applicable

ND - Not detected at the associated reporting limit

J - Estimated concentration

SVOCs - Semi-volatile Organic Compounds

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Bryan Gallagher
NPEC - Sterling
1999 Lake Avenue
Rochester, New York 14650

Generated 6/30/2023 12:18:17 PM Revision 1

JOB DESCRIPTION

Annual GW Sampling 2023

JOB NUMBER

480-209014-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
6/30/2023 12:18:17 PM
Revision 1

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

Client: NPEC - Sterling
Job ID: 480-209014-1
Project/Site: Annual GW Sampling 2023

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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.
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
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.

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
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: 480-209014-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-209014-1

Revision
This report has been revised to correct the client ID's for samples 5, 6 and 7.

Receipt
The samples were received on 5/19/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: WG-11209162-051823-BP-009 (480-209014-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SW-11209162-051723-BP-005 (480-209014-5), SW-11209162-051723-BP-005 (480-209014-5[MS]), SW-11209162-051723-BP-005 (480-209014-5[MSD]), SW-11209162-051723-BP-006 (480-209014-6) and SW-11209162-051723-BP-007 (480-209014-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-670314 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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 color, appearance, and viscosity: SW-11209162-051723-BP-006 (480-209014-6) and SW-11209162-051723-BP-007 (480-209014-7). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-670377 recovered outside acceptance criteria, low biased, for 3-Nitroaniline. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-670381 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

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

Detection Summary

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-001 — Lab Sample ID: 480-209014-1

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
Acetone	3.9	J	10	3.0	ug/L	1		8260C	Total/NA
Carbon disulfide	0.30	J	5.0	0.19	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.67	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Phenol	0.55	J	5.0	0.39	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051723-BP-002 — Lab Sample ID: 480-209014-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	10	3.0	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.40	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051723-BP-003 — Lab Sample ID: 480-209014-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.7	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	4.0	J	10	3.0	ug/L	1		8260C	Total/NA
Toluene	1.6	J	5.0	0.51	ug/L	1		8260C	Total/NA
Benzo[b]fluoranthene	0.34	J	5.0	0.34	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.55	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Fluoranthene	0.42	J	5.0	0.40	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051723-BP-004 — Lab Sample ID: 480-209014-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.5	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Ethyl ether	0.78	J	10	0.72	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.54	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: SW-11209162-051723-BP-005 — Lab Sample ID: 480-209014-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.40	J F2	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.41	J F2	5.0	0.36	ug/L	1		8270D	Total/NA
Chrysene	0.43	J F2	5.0	0.33	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.62	J F2 B	5.0	0.31	ug/L	1		8270D	Total/NA
Fluoranthene	1.7	J F2	5.0	0.40	ug/L	1		8270D	Total/NA
Naphthalene	2.5	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	1.5	J F2	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.1	J F2	5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: SW-11209162-051723-BP-006 — Lab Sample ID: 480-209014-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.1	J	10	1.0	ug/L	2		8260C	Total/NA

Client Sample ID: SW-11209162-051723-BP-007 — Lab Sample ID: 480-209014-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.1	J	10	1.0	ug/L	2		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-008 — Lab Sample ID: 480-209014-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.1	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	5.0	J	10	3.0	ug/L	1		8260C	Total/NA
Ethyl ether	2.5	J	10	0.72	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.83	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051823-BP-009 — Lab Sample ID: 480-209014-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	720		200	14	ug/L	20		8260C	Total/NA
Di-n-butyl phthalate	0.98	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Naphthalene	1.3	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenol	0.95	J	5.0	0.39	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051823-BP-010 — Lab Sample ID: 480-209014-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.0	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	4.0	J	10	3.0	ug/L	1		8260C	Total/NA
Ethyl ether	42		10	0.72	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.64	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: WG-11209162-051823-BP-011 — Lab Sample ID: 480-209014-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.8	J	10	1.3	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.37	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-209014-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-001
Date Collected: 05/17/23 08:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-1
Matrix: Water

Method: SW846 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			05/22/23 11:33	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 11:33	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 11:33	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 11:33	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 11:33	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 11:33	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 11:33	1
2-Butanone (MEK)	**2.3**	**J**	10	1.3	ug/L			05/22/23 11:33	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 11:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 11:33	1
Acetone	**3.9**	**J**	10	3.0	ug/L			05/22/23 11:33	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 11:33	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 11:33	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 11:33	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 11:33	1
Carbon disulfide	**0.30**	**J**	5.0	0.19	ug/L			05/22/23 11:33	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 11:33	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 11:33	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 11:33	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 11:33	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 11:33	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 11:33	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 11:33	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 11:33	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 11:33	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 11:33	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 11:33	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 11:33	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 11:33	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 11:33	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 11:33	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 11:33	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 11:33	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 11:33	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 11:33	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 11:33	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 11:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 11:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*05/22/23 11:33*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*05/22/23 11:33*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*05/22/23 11:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/23 11:33*	*1*

Method: SW846 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		05/19/23 15:57	05/22/23 22:48	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-001
Date Collected: 05/17/23 08:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-1
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 22:48	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 22:48	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/22/23 22:48	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 22:48	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 22:48	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/22/23 22:48	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/22/23 22:48	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/22/23 22:48	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/22/23 22:48	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 22:48	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/22/23 22:48	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 22:48	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/22/23 22:48	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/22/23 22:48	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/22/23 22:48	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/22/23 22:48	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/22/23 22:48	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/22/23 22:48	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/22/23 22:48	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 22:48	1
Di-n-butyl phthalate	**0.67**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/22/23 22:48	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 22:48	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 22:48	1

Client Sample ID: WG-11209162-051723-BP-001
Date Collected: 05/17/23 08:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-1
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 22:48	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 22:48	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/22/23 22:48	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 22:48	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 22:48	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 22:48	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/22/23 22:48	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/22/23 22:48	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/22/23 22:48	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/22/23 22:48	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 22:48	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 22:48	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/22/23 22:48	1
Phenol	**0.55**	**J**	5.0	0.39	ug/L		05/19/23 15:57	05/22/23 22:48	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 22:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10*	*T J*	*ug/L*		*2.90*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*92*	*T J*	*ug/L*		*3.33*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*4.3*	*T J*	*ug/L*		*4.88*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*55*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*5.0*	*T J*	*ug/L*		*5.35*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Benzene, 1,2-dimethyl-	*12*	*T J N*	*ug/L*		*5.66*	*95-47-6*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene	*13*	*T J N*	*ug/L*		*9.11*	*13744-15-5*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
n-Hexadecanoic acid	*4.2*	*T J N*	*ug/L*		*10.76*	*57-10-3*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Tricosane	*3.1*	*T J N*	*ug/L*		*11.95*	*638-67-5*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Heptadecane	*5.7*	*T J N*	*ug/L*		*12.34*	*629-78-7*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Pentacosane	*9.2*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Hexacosane	*11*	*T J N*	*ug/L*		*13.23*	*630-01-3*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Hexatriacontane	*11*	*T J N*	*ug/L*		*13.71*	*630-06-8*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*13*	*T J*	*ug/L*		*13.98*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Octacosane	*11*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Nonacosane	*8.2*	*T J N*	*ug/L*		*14.74*	*630-03-5*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Heptacosane	*6.4*	*T J N*	*ug/L*		*15.30*	*593-49-7*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Octadecane	*5.1*	*T J N*	*ug/L*		*15.85*	*593-45-3*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*3.7*	*T J*	*ug/L*		*16.93*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Unknown	*7.4*	*T J*	*ug/L*		*17.80*	*N/A*	*05/19/23 15:57*	*05/22/23 22:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*41 - 120*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
2-Fluorophenol (Surr)	*58*		*35 - 120*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 120*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
Phenol-d5 (Surr)	*39*		*22 - 120*	*05/19/23 15:57*	*05/22/23 22:48*	*1*
p-Terphenyl-d14 (Surr)	*89*		*60 - 148*	*05/19/23 15:57*	*05/22/23 22:48*	*1*

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-002
Date Collected: 05/17/23 09:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-2
Matrix: Water

Method: SW846 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			05/22/23 11:55	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 11:55	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 11:55	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 11:55	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 11:55	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 11:55	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 11:55	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/22/23 11:55	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 11:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 11:55	1
Acetone	**4.3**	**J**	10	3.0	ug/L			05/22/23 11:55	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 11:55	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 11:55	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 11:55	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 11:55	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 11:55	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 11:55	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 11:55	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 11:55	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 11:55	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 11:55	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 11:55	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 11:55	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 11:55	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 11:55	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 11:55	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 11:55	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 11:55	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 11:55	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 11:55	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 11:55	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 11:55	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 11:55	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 11:55	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 11:55	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 11:55	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 11:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 11:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*05/22/23 11:55*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/22/23 11:55*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*05/22/23 11:55*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/22/23 11:55*	*1*

Method: SW846 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		05/19/23 15:57	05/22/23 23:15	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-002
Date Collected: 05/17/23 09:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-2
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 23:15	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:15	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/22/23 23:15	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 23:15	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 23:15	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/22/23 23:15	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/22/23 23:15	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/22/23 23:15	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/22/23 23:15	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:15	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/22/23 23:15	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:15	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/22/23 23:15	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/22/23 23:15	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/22/23 23:15	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/22/23 23:15	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/22/23 23:15	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/22/23 23:15	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/22/23 23:15	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:15	1
Di-n-butyl phthalate	**0.40**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/22/23 23:15	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:15	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:15	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-002
Date Collected: 05/17/23 09:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-2
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:15	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:15	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/22/23 23:15	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:15	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:15	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:15	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/22/23 23:15	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/22/23 23:15	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/22/23 23:15	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/22/23 23:15	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:15	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:15	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/22/23 23:15	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/22/23 23:15	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 23:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.4*	*T J*	*ug/L*		*2.91*	*N/A*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Unknown	*2.4*	*T J*	*ug/L*		*3.04*	*N/A*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Unknown	*76*	*T J*	*ug/L*		*3.34*	*N/A*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Unknown	*40*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*10.44*	*N/A*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Tricosane	*1.7*	*T J N*	*ug/L*		*11.95*	*638-67-5*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Octacosane	*3.2*	*T J N*	*ug/L*		*12.34*	*630-02-4*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Pentacosane	*4.8*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Eicosane	*5.0*	*T J N*	*ug/L*		*13.23*	*112-95-8*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Heptacosane	*5.0*	*T J N*	*ug/L*		*13.71*	*593-49-7*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Tricosane, 2-methyl-	*3.4*	*T J N*	*ug/L*		*14.21*	*1928-30-9*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Octadecane	*2.2*	*T J N*	*ug/L*		*14.74*	*593-45-3*	*05/19/23 15:57*	*05/22/23 23:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*41 - 120*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
2-Fluorophenol (Surr)	*49*		*35 - 120*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 120*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
Phenol-d5 (Surr)	*34*		*22 - 120*	*05/19/23 15:57*	*05/22/23 23:15*	*1*
p-Terphenyl-d14 (Surr)	*83*		*60 - 148*	*05/19/23 15:57*	*05/22/23 23:15*	*1*

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-003
Date Collected: 05/17/23 11:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-3
Matrix: Water

Method: SW846 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			05/22/23 12:19	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 12:19	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 12:19	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 12:19	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 12:19	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 12:19	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 12:19	1
2-Butanone (MEK)	**1.7**	**J**	10	1.3	ug/L			05/22/23 12:19	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 12:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 12:19	1
Acetone	**4.0**	**J**	10	3.0	ug/L			05/22/23 12:19	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 12:19	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 12:19	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 12:19	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 12:19	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 12:19	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 12:19	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 12:19	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 12:19	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 12:19	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 12:19	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 12:19	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 12:19	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 12:19	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 12:19	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 12:19	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 12:19	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 12:19	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 12:19	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 12:19	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 12:19	1
Toluene	**1.6**	**J**	5.0	0.51	ug/L			05/22/23 12:19	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 12:19	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 12:19	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 12:19	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 12:19	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 12:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 12:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*05/22/23 12:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*05/22/23 12:19*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*05/22/23 12:19*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/22/23 12:19*	*1*

Method: SW846 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		05/19/23 15:57	05/22/23 23:43	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-003
Date Collected: 05/17/23 11:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-3
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 23:43	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:43	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/22/23 23:43	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 23:43	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 23:43	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/22/23 23:43	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/22/23 23:43	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/22/23 23:43	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/22/23 23:43	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzo[b]fluoranthene	**0.34**	**J**	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:43	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/22/23 23:43	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 23:43	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/22/23 23:43	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/22/23 23:43	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/22/23 23:43	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/22/23 23:43	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/22/23 23:43	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/22/23 23:43	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/22/23 23:43	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:43	1
Di-n-butyl phthalate	**0.55**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/22/23 23:43	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:43	1
Fluoranthene	**0.42**	**J**	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 23:43	1

Client Sample ID: WG-11209162-051723-BP-003
Date Collected: 05/17/23 11:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-3
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 23:43	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:43	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/22/23 23:43	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:43	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 23:43	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 23:43	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/22/23 23:43	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/22/23 23:43	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/22/23 23:43	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/22/23 23:43	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 23:43	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 23:43	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/22/23 23:43	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/22/23 23:43	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 23:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.6*	*T J*	*ug/L*		*2.91*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Cyclohexane	*4.1*	*T J N*	*ug/L*		*3.06*	*110-82-7*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Unknown	*87*	*T J*	*ug/L*		*3.33*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Unknown	*44*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Unknown	*2.7*	*T J*	*ug/L*		*10.44*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Unknown	*2.7*	*T J*	*ug/L*		*11.39*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Tetracosane	*7.6*	*T J N*	*ug/L*		*12.35*	*646-31-1*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Unknown	*1.9*	*T J*	*ug/L*		*12.67*	*N/A*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Pentacosane	*8.2*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Eicosane, 3-methyl-	*8.1*	*T J N*	*ug/L*		*13.23*	*6418-46-8*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Docosane, 11-butyl-	*8.4*	*T J N*	*ug/L*		*13.71*	*13475-76-8*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Octacosane	*5.7*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Heneicosane	*2.0*	*T J N*	*ug/L*		*15.29*	*629-94-7*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Eicosane	*1.8*	*T J N*	*ug/L*		*15.85*	*112-95-8*	*05/19/23 15:57*	*05/22/23 23:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*41 - 120*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
2-Fluorophenol (Surr)	*52*		*35 - 120*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 120*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
Phenol-d5 (Surr)	*35*		*22 - 120*	*05/19/23 15:57*	*05/22/23 23:43*	*1*
p-Terphenyl-d14 (Surr)	*82*		*60 - 148*	*05/19/23 15:57*	*05/22/23 23:43*	*1*

Client Sample ID: WG-11209162-051723-BP-004
Date Collected: 05/17/23 12:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-4
Matrix: Water

Method: SW846 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			05/22/23 12:43	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 12:43	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 12:43	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 12:43	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 12:43	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 12:43	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 12:43	1
2-Butanone (MEK)	**1.5**	**J**	10	1.3	ug/L			05/22/23 12:43	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 12:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 12:43	1
Acetone	**4.1**	**J**	10	3.0	ug/L			05/22/23 12:43	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 12:43	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 12:43	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 12:43	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 12:43	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 12:43	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 12:43	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 12:43	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 12:43	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 12:43	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 12:43	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 12:43	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 12:43	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 12:43	1
Ethyl ether	**0.78**	**J**	10	0.72	ug/L			05/22/23 12:43	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 12:43	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 12:43	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 12:43	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 12:43	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 12:43	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 12:43	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 12:43	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 12:43	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 12:43	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 12:43	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 12:43	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 12:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 12:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*05/22/23 12:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/22/23 12:43*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*05/22/23 12:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/23 12:43*	*1*

Method: SW846 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		05/19/23 15:57	05/23/23 00:10	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-004
Date Collected: 05/17/23 12:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-4
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 00:10	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 00:10	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/23/23 00:10	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 00:10	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 00:10	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/23/23 00:10	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/23/23 00:10	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/23/23 00:10	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/23/23 00:10	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 00:10	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/23/23 00:10	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 00:10	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/23/23 00:10	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/23/23 00:10	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/23/23 00:10	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/23/23 00:10	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/23/23 00:10	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/23/23 00:10	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/23/23 00:10	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 00:10	1
Di-n-butyl phthalate	**0.54**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/23/23 00:10	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 00:10	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 00:10	1

Client Sample ID: WG-11209162-051723-BP-004
Date Collected: 05/17/23 12:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-4
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 00:10	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 00:10	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/23/23 00:10	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 00:10	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 00:10	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 00:10	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/23/23 00:10	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/23/23 00:10	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/23/23 00:10	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/23/23 00:10	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 00:10	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 00:10	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/23/23 00:10	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/23/23 00:10	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 00:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*92*	*T J*	*ug/L*		*3.34*	*N/A*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
2-Propanone, 1-chloro-	*5.9*	*T J N*	*ug/L*		*3.40*	*78-95-5*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Chloroiodomethane	*22*	*T J N*	*ug/L*		*3.97*	*593-71-5*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Unknown	*62*	*T J*	*ug/L*		*5.16*	*N/A*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Talbutal	*4.5*	*T J N*	*ug/L*		*10.04*	*115-44-6*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Hexobarbital	*9.6*	*T J N*	*ug/L*		*10.62*	*56-29-1*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
n-Hexadecanoic acid	*48*	*T J N*	*ug/L*		*10.77*	*57-10-3*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Phenobarbital	*33*	*T J N*	*ug/L*		*11.02*	*50-06-6*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Unknown	*13*	*T J*	*ug/L*		*11.05*	*N/A*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Octadecanoic acid	*12*	*T J N*	*ug/L*		*11.45*	*57-11-4*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Tridecane, 7-hexyl-	*6.9*	*T J N*	*ug/L*		*11.95*	*7225-66-3*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*12.32*	*N/A*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Tricosane	*9.1*	*T J N*	*ug/L*		*12.35*	*638-67-5*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Unknown	*12*	*T J*	*ug/L*		*12.39*	*N/A*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Pentacosane	*12*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Hexacosane	*10*	*T J N*	*ug/L*		*13.23*	*630-01-3*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Heptacosane	*10*	*T J N*	*ug/L*		*13.71*	*593-49-7*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Octacosane	*8.4*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Nonacosane	*4.0*	*T J N*	*ug/L*		*14.74*	*630-03-5*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Triacontane	*2.6*	*T J N*	*ug/L*		*15.29*	*638-68-6*	*05/19/23 15:57*	*05/23/23 00:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*117*		*41 - 120*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
2-Fluorobiphenyl	*113*		*48 - 120*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
2-Fluorophenol (Surr)	*69*		*35 - 120*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
Phenol-d5 (Surr)	*43*		*22 - 120*	*05/19/23 15:57*	*05/23/23 00:10*	*1*
p-Terphenyl-d14 (Surr)	*102*		*60 - 148*	*05/19/23 15:57*	*05/23/23 00:10*	*1*

Client Sample ID: SW-11209162-051723-BP-005
Date Collected: 05/17/23 13:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-5
Matrix: Water

Method: SW846 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			05/22/23 13:06	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			05/22/23 13:06	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			05/22/23 13:06	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			05/22/23 13:06	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			05/22/23 13:06	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			05/22/23 13:06	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			05/22/23 13:06	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/22/23 13:06	2
2-Hexanone	20	U	20	2.5	ug/L			05/22/23 13:06	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			05/22/23 13:06	2
Acetone	20	U F1	20	6.0	ug/L			05/22/23 13:06	2
Benzene	2.0	U	2.0	0.82	ug/L			05/22/23 13:06	2
Bromodichloromethane	10	U	10	0.78	ug/L			05/22/23 13:06	2
Bromoform	10	U	10	0.52	ug/L			05/22/23 13:06	2
Bromomethane	20	U	20	1.4	ug/L			05/22/23 13:06	2
Carbon disulfide	10	U	10	0.38	ug/L			05/22/23 13:06	2
Carbon tetrachloride	10	U	10	0.54	ug/L			05/22/23 13:06	2
Chlorobenzene	10	U	10	1.5	ug/L			05/22/23 13:06	2
Chloroethane	20	U	20	0.64	ug/L			05/22/23 13:06	2
Chloroform	10	U	10	0.68	ug/L			05/22/23 13:06	2
Chloromethane	20	U	20	0.70	ug/L			05/22/23 13:06	2
cis-1,2-Dichloroethene	10	U	10	1.6	ug/L			05/22/23 13:06	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			05/22/23 13:06	2
Dibromochloromethane	10	U	10	0.64	ug/L			05/22/23 13:06	2
Ethyl ether	20	U	20	1.4	ug/L			05/22/23 13:06	2
Ethylbenzene	10	U	10	1.5	ug/L			05/22/23 13:06	2
m&p-Xylene	10	U	10	1.3	ug/L			05/22/23 13:06	2
Methylene Chloride	10	U	10	0.88	ug/L			05/22/23 13:06	2
o-Xylene	10	U	10	1.5	ug/L			05/22/23 13:06	2
Styrene	10	U	10	1.5	ug/L			05/22/23 13:06	2
Tetrachloroethene	10	U	10	0.72	ug/L			05/22/23 13:06	2
Toluene	10	U	10	1.0	ug/L			05/22/23 13:06	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			05/22/23 13:06	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			05/22/23 13:06	2
Trichloroethene	10	U	10	0.92	ug/L			05/22/23 13:06	2
Vinyl chloride	20	U	20	1.8	ug/L			05/22/23 13:06	2
2-Methylthiophene	20	U	20	0.88	ug/L			05/22/23 13:06	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 13:06*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*05/22/23 13:06*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/22/23 13:06*	*2*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*05/22/23 13:06*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/22/23 13:06*	*2*

Method: SW846 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		05/19/23 15:57	05/22/23 20:58	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: SW-11209162-051723-BP-005
Date Collected: 05/17/23 13:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-5
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 20:58	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4,5-Trichlorophenol	5.0	U F2	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4,6-Trichlorophenol	5.0	U F2	5.0	0.61	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4-Dichlorophenol	5.0	U F2	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4-Dinitrophenol	10	U F2	10	2.2	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,4-Dinitrotoluene	5.0	U F2	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 20:58	1
2,6-Dinitrotoluene	5.0	U F2	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Chloronaphthalene	5.0	U F2	5.0	0.46	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Methylnaphthalene	5.0	U F2	5.0	0.60	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Nitroaniline	10	U F2	10	0.42	ug/L		05/19/23 15:57	05/22/23 20:58	1
2-Nitrophenol	5.0	U F2	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 20:58	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 20:58	1
4,6-Dinitro-2-methylphenol	10	U F2	10	2.2	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Bromophenyl phenyl ether	5.0	U F2	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Chloroaniline	5.0	U F2	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Chlorophenyl phenyl ether	5.0	U F2	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Methylphenol	10	U F2	10	0.36	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Nitroaniline	10	U F2	10	0.25	ug/L		05/19/23 15:57	05/22/23 20:58	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/22/23 20:58	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/22/23 20:58	1
Acenaphthylene	5.0	U F2	5.0	0.38	ug/L		05/19/23 15:57	05/22/23 20:58	1
Anthracene	**0.40**	**J F2**	5.0	0.28	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzaldehyde	5.0	U F2	5.0	0.27	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzo[a]anthracene	**0.41**	**J F2**	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzo[a]pyrene	5.0	U F2	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzo[b]fluoranthene	5.0	U F2	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzo[g,h,i]perylene	5.0	U F2	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 20:58	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/22/23 20:58	1
Bis(2-chloroethoxy)methane	5.0	U F2	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 20:58	1
Bis(2-chloroethyl)ether	5.0	U F2	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1
Bis(2-ethylhexyl) phthalate	5.0	U F2	5.0	2.2	ug/L		05/19/23 15:57	05/22/23 20:58	1
Butyl benzyl phthalate	5.0	U F2	5.0	1.0	ug/L		05/19/23 15:57	05/22/23 20:58	1
Carbazole	5.0	U F2	5.0	0.30	ug/L		05/19/23 15:57	05/22/23 20:58	1
Chrysene	**0.43**	**J F2**	5.0	0.33	ug/L		05/19/23 15:57	05/22/23 20:58	1
Dibenz(a,h)anthracene	5.0	U F2	5.0	0.42	ug/L		05/19/23 15:57	05/22/23 20:58	1
Dibenzofuran	10	U F2	10	0.51	ug/L		05/19/23 15:57	05/22/23 20:58	1
Diethyl phthalate	5.0	U F2	5.0	0.22	ug/L		05/19/23 15:57	05/22/23 20:58	1
Dimethyl phthalate	5.0	U F2	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 20:58	1
Di-n-butyl phthalate	**0.62**	**J F2 B**	5.0	0.31	ug/L		05/19/23 15:57	05/22/23 20:58	1
Di-n-octyl phthalate	5.0	U F2	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 20:58	1
Fluoranthene	**1.7**	**J F2**	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 20:58	1

Client Sample ID: SW-11209162-051723-BP-005
Date Collected: 05/17/23 13:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-5
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U F2	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 20:58	1
Hexachlorobenzene	5.0	U F2	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 20:58	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/22/23 20:58	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 20:58	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 20:58	1
Indeno[1,2,3-cd]pyrene	5.0	U F2	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 20:58	1
Isophorone	5.0	U F2	5.0	0.43	ug/L		05/19/23 15:57	05/22/23 20:58	1
Naphthalene	**2.5**	**J**	5.0	0.76	ug/L		05/19/23 15:57	05/22/23 20:58	1
Nitrobenzene	5.0	U F2	5.0	0.29	ug/L		05/19/23 15:57	05/22/23 20:58	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/22/23 20:58	1
N-Nitrosodiphenylamine	5.0	U F2	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 20:58	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 20:58	1
Phenanthrene	**1.5**	**J F2**	5.0	0.44	ug/L		05/19/23 15:57	05/22/23 20:58	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/22/23 20:58	1
Pyrene	**1.1**	**J F2**	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 20:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.8*	*T J*	*ug/L*		*2.62*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*8.8*	*T J*	*ug/L*		*2.91*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*83*	*T J*	*ug/L*		*3.33*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*46*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*4.0*	*T J*	*ug/L*		*7.08*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Dodecanoic acid	*38*	*T J N*	*ug/L*		*9.27*	*143-07-7*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Tetradecanoic acid	*11*	*T J N*	*ug/L*		*10.05*	*544-63-8*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
n-Hexadecanoic acid	*8.4*	*T J N*	*ug/L*		*10.76*	*57-10-3*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*7.7*	*T J*	*ug/L*		*11.01*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*11*	*T J*	*ug/L*		*11.04*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*3.7*	*T J*	*ug/L*		*11.25*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*5.0*	*T J N*	*ug/L*		*11.68*	*80-05-7*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Tricosane	*5.0*	*T J N*	*ug/L*		*11.95*	*638-67-5*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*4.8*	*T J*	*ug/L*		*12.29*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Eicosane	*8.5*	*T J N*	*ug/L*		*12.34*	*112-95-8*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Unknown	*30*	*T J*	*ug/L*		*12.61*	*N/A*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Tetracosane	*10*	*T J N*	*ug/L*		*12.77*	*646-31-1*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Hexacosane	*13*	*T J N*	*ug/L*		*13.23*	*630-01-3*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Heptacosane	*12*	*T J N*	*ug/L*		*13.71*	*593-49-7*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Docosane, 11-butyl-	*10*	*T J N*	*ug/L*		*14.21*	*13475-76-8*	*05/19/23 15:57*	*05/22/23 20:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*41 - 120*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
2-Fluorophenol (Surr)	*46*		*35 - 120*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 120*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
Phenol-d5 (Surr)	*32*		*22 - 120*	*05/19/23 15:57*	*05/22/23 20:58*	*1*
p-Terphenyl-d14 (Surr)	*76*		*60 - 148*	*05/19/23 15:57*	*05/22/23 20:58*	*1*

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: SW-11209162-051723-BP-006
Date Collected: 05/17/23 15:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-6
Matrix: Water

Method: SW846 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			05/22/23 13:28	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			05/22/23 13:28	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			05/22/23 13:28	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			05/22/23 13:28	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			05/22/23 13:28	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			05/22/23 13:28	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			05/22/23 13:28	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/22/23 13:28	2
2-Hexanone	20	U	20	2.5	ug/L			05/22/23 13:28	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			05/22/23 13:28	2
Acetone	20	U	20	6.0	ug/L			05/22/23 13:28	2
Benzene	2.0	U	2.0	0.82	ug/L			05/22/23 13:28	2
Bromodichloromethane	10	U	10	0.78	ug/L			05/22/23 13:28	2
Bromoform	10	U	10	0.52	ug/L			05/22/23 13:28	2
Bromomethane	20	U	20	1.4	ug/L			05/22/23 13:28	2
Carbon disulfide	10	U	10	0.38	ug/L			05/22/23 13:28	2
Carbon tetrachloride	10	U	10	0.54	ug/L			05/22/23 13:28	2
Chlorobenzene	10	U	10	1.5	ug/L			05/22/23 13:28	2
Chloroethane	20	U	20	0.64	ug/L			05/22/23 13:28	2
Chloroform	10	U	10	0.68	ug/L			05/22/23 13:28	2
Chloromethane	20	U	20	0.70	ug/L			05/22/23 13:28	2
cis-1,2-Dichloroethene	10	U	10	1.6	ug/L			05/22/23 13:28	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			05/22/23 13:28	2
Dibromochloromethane	10	U	10	0.64	ug/L			05/22/23 13:28	2
Ethyl ether	20	U	20	1.4	ug/L			05/22/23 13:28	2
Ethylbenzene	10	U	10	1.5	ug/L			05/22/23 13:28	2
m&p-Xylene	10	U	10	1.3	ug/L			05/22/23 13:28	2
Methylene Chloride	10	U	10	0.88	ug/L			05/22/23 13:28	2
o-Xylene	10	U	10	1.5	ug/L			05/22/23 13:28	2
Styrene	10	U	10	1.5	ug/L			05/22/23 13:28	2
Tetrachloroethene	10	U	10	0.72	ug/L			05/22/23 13:28	2
Toluene	**1.1**	**J**	10	1.0	ug/L			05/22/23 13:28	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			05/22/23 13:28	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			05/22/23 13:28	2
Trichloroethene	10	U	10	0.92	ug/L			05/22/23 13:28	2
Vinyl chloride	20	U	20	1.8	ug/L			05/22/23 13:28	2
2-Methylthiophene	20	U	20	0.88	ug/L			05/22/23 13:28	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 13:28*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*05/22/23 13:28*	*2*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*05/22/23 13:28*	*2*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*05/22/23 13:28*	*2*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/22/23 13:28*	*2*

Method: SW846 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		05/19/23 15:57	05/23/23 00:38	5

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: SW-11209162-051723-BP-006
Date Collected: 05/17/23 15:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-6
Matrix: Water

Method: SW846 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		05/19/23 15:57	05/23/23 00:38	5
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,2'-oxybis[1-chloropropane]	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4-Dichlorophenol	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4-Dimethylphenol	25	U	25	2.5	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4-Dinitrophenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 00:38	5
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Chloronaphthalene	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Chlorophenol	25	U	25	2.7	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Methylnaphthalene	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Methylphenol	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Nitroaniline	50	U	50	2.1	ug/L		05/19/23 15:57	05/23/23 00:38	5
2-Nitrophenol	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
3-Nitroaniline	50	U	50	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Chloroaniline	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Methylphenol	50	U	50	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Nitroaniline	50	U	50	1.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
4-Nitrophenol	50	U	50	7.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
Acenaphthene	25	U	25	2.1	ug/L		05/19/23 15:57	05/23/23 00:38	5
Acenaphthylene	25	U	25	1.9	ug/L		05/19/23 15:57	05/23/23 00:38	5
Anthracene	25	U	25	1.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzaldehyde	25	U	25	1.3	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzo[a]anthracene	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzo[a]pyrene	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		05/19/23 15:57	05/23/23 00:38	5
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		05/19/23 15:57	05/23/23 00:38	5
Butyl benzyl phthalate	25	U	25	5.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
Carbazole	25	U	25	1.5	ug/L		05/19/23 15:57	05/23/23 00:38	5
Chrysene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 00:38	5
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		05/19/23 15:57	05/23/23 00:38	5
Dibenzofuran	50	U	50	2.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
Diethyl phthalate	25	U	25	1.1	ug/L		05/19/23 15:57	05/23/23 00:38	5
Dimethyl phthalate	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
Di-n-butyl phthalate	25	U	25	1.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
Di-n-octyl phthalate	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
Fluoranthene	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5

Client Sample ID: SW-11209162-051723-BP-006
Date Collected: 05/17/23 15:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-6
Matrix: Water

Method: SW846 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		05/19/23 15:57	05/23/23 00:38	5
Hexachlorobenzene	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
Hexachlorobutadiene	25	U	25	3.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
Hexachloroethane	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 00:38	5
Isophorone	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 00:38	5
Naphthalene	25	U	25	3.8	ug/L		05/19/23 15:57	05/23/23 00:38	5
Nitrobenzene	25	U	25	1.5	ug/L		05/19/23 15:57	05/23/23 00:38	5
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		05/19/23 15:57	05/23/23 00:38	5
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 00:38	5
Pentachlorophenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 00:38	5
Phenanthrene	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 00:38	5
Phenol	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 00:38	5
Pyrene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 00:38	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*100*	*T J N*	*ug/L*		*3.05*	*110-82-7*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Unknown	*110*	*T J*	*ug/L*		*3.25*	*N/A*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Chloroiodomethane	*32*	*T J N*	*ug/L*		*3.90*	*593-71-5*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Unknown	*60*	*T J*	*ug/L*		*5.14*	*N/A*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Phenol, 4,4'-(1-methylethylidene)bis-	*38*	*T J N*	*ug/L*		*11.67*	*80-05-7*	*05/19/23 15:57*	*05/23/23 00:38*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*41 - 120*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
2-Fluorobiphenyl	*90*		*48 - 120*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
2-Fluorophenol (Surr)	*58*		*35 - 120*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Nitrobenzene-d5 (Surr)	*72*		*46 - 120*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
Phenol-d5 (Surr)	*37*		*22 - 120*	*05/19/23 15:57*	*05/23/23 00:38*	*5*
p-Terphenyl-d14 (Surr)	*73*		*60 - 148*	*05/19/23 15:57*	*05/23/23 00:38*	*5*

Client Sample ID: SW-11209162-051723-BP-007
Date Collected: 05/17/23 15:10
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-7
Matrix: Water

Method: SW846 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			05/22/23 13:51	2
1,1,2,2-Tetrachloroethane	10	U	10	0.42	ug/L			05/22/23 13:51	2
1,1,2-Trichloroethane	10	U	10	0.46	ug/L			05/22/23 13:51	2
1,1-Dichloroethane	10	U	10	0.76	ug/L			05/22/23 13:51	2
1,1-Dichloroethene	10	U	10	0.58	ug/L			05/22/23 13:51	2
1,2-Dichloroethane	10	U	10	0.42	ug/L			05/22/23 13:51	2
1,2-Dichloropropane	10	U	10	1.4	ug/L			05/22/23 13:51	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/22/23 13:51	2
2-Hexanone	20	U	20	2.5	ug/L			05/22/23 13:51	2
4-Methyl-2-pentanone (MIBK)	20	U	20	4.2	ug/L			05/22/23 13:51	2
Acetone	20	U	20	6.0	ug/L			05/22/23 13:51	2
Benzene	2.0	U	2.0	0.82	ug/L			05/22/23 13:51	2
Bromodichloromethane	10	U	10	0.78	ug/L			05/22/23 13:51	2
Bromoform	10	U	10	0.52	ug/L			05/22/23 13:51	2
Bromomethane	20	U	20	1.4	ug/L			05/22/23 13:51	2
Carbon disulfide	10	U	10	0.38	ug/L			05/22/23 13:51	2
Carbon tetrachloride	10	U	10	0.54	ug/L			05/22/23 13:51	2
Chlorobenzene	10	U	10	1.5	ug/L			05/22/23 13:51	2
Chloroethane	20	U	20	0.64	ug/L			05/22/23 13:51	2
Chloroform	10	U	10	0.68	ug/L			05/22/23 13:51	2
Chloromethane	20	U	20	0.70	ug/L			05/22/23 13:51	2
cis-1,2-Dichloroethene	10	U	10	1.6	ug/L			05/22/23 13:51	2
cis-1,3-Dichloropropene	10	U	10	0.72	ug/L			05/22/23 13:51	2
Dibromochloromethane	10	U	10	0.64	ug/L			05/22/23 13:51	2
Ethyl ether	20	U	20	1.4	ug/L			05/22/23 13:51	2
Ethylbenzene	10	U	10	1.5	ug/L			05/22/23 13:51	2
m&p-Xylene	10	U	10	1.3	ug/L			05/22/23 13:51	2
Methylene Chloride	10	U	10	0.88	ug/L			05/22/23 13:51	2
o-Xylene	10	U	10	1.5	ug/L			05/22/23 13:51	2
Styrene	10	U	10	1.5	ug/L			05/22/23 13:51	2
Tetrachloroethene	10	U	10	0.72	ug/L			05/22/23 13:51	2
Toluene	**1.1**	**J**	10	1.0	ug/L			05/22/23 13:51	2
trans-1,2-Dichloroethene	10	U	10	1.8	ug/L			05/22/23 13:51	2
trans-1,3-Dichloropropene	10	U	10	0.74	ug/L			05/22/23 13:51	2
Trichloroethene	10	U	10	0.92	ug/L			05/22/23 13:51	2
Vinyl chloride	20	U	20	1.8	ug/L			05/22/23 13:51	2
2-Methylthiophene	20	U	20	0.88	ug/L			05/22/23 13:51	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 13:51*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*05/22/23 13:51*	*2*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*05/22/23 13:51*	*2*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/22/23 13:51*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/22/23 13:51*	*2*

Method: SW846 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		05/19/23 15:57	05/23/23 01:05	5

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: SW-11209162-051723-BP-007
Date Collected: 05/17/23 15:10
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-7
Matrix: Water

Method: SW846 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		05/19/23 15:57	05/23/23 01:05	5
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,2'-oxybis[1-chloropropane]	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4-Dichlorophenol	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4-Dimethylphenol	25	U	25	2.5	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4-Dinitrophenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 01:05	5
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Chloronaphthalene	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Chlorophenol	25	U	25	2.7	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Methylnaphthalene	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Methylphenol	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Nitroaniline	50	U	50	2.1	ug/L		05/19/23 15:57	05/23/23 01:05	5
2-Nitrophenol	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
3-Nitroaniline	50	U	50	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Chloroaniline	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Methylphenol	50	U	50	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Nitroaniline	50	U	50	1.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
4-Nitrophenol	50	U	50	7.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
Acenaphthene	25	U	25	2.1	ug/L		05/19/23 15:57	05/23/23 01:05	5
Acenaphthylene	25	U	25	1.9	ug/L		05/19/23 15:57	05/23/23 01:05	5
Anthracene	25	U	25	1.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzaldehyde	25	U	25	1.3	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzo[a]anthracene	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzo[a]pyrene	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		05/19/23 15:57	05/23/23 01:05	5
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		05/19/23 15:57	05/23/23 01:05	5
Butyl benzyl phthalate	25	U	25	5.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
Carbazole	25	U	25	1.5	ug/L		05/19/23 15:57	05/23/23 01:05	5
Chrysene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 01:05	5
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		05/19/23 15:57	05/23/23 01:05	5
Dibenzofuran	50	U	50	2.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
Diethyl phthalate	25	U	25	1.1	ug/L		05/19/23 15:57	05/23/23 01:05	5
Dimethyl phthalate	25	U	25	1.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
Di-n-butyl phthalate	25	U	25	1.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
Di-n-octyl phthalate	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
Fluoranthene	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5

Client Sample ID: SW-11209162-051723-BP-007
Date Collected: 05/17/23 15:10
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-7
Matrix: Water

Method: SW846 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		05/19/23 15:57	05/23/23 01:05	5
Hexachlorobenzene	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
Hexachlorobutadiene	25	U	25	3.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
Hexachloroethane	25	U	25	3.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		05/19/23 15:57	05/23/23 01:05	5
Isophorone	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 01:05	5
Naphthalene	25	U	25	3.8	ug/L		05/19/23 15:57	05/23/23 01:05	5
Nitrobenzene	25	U	25	1.5	ug/L		05/19/23 15:57	05/23/23 01:05	5
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		05/19/23 15:57	05/23/23 01:05	5
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		05/19/23 15:57	05/23/23 01:05	5
Pentachlorophenol	50	U	50	11	ug/L		05/19/23 15:57	05/23/23 01:05	5
Phenanthrene	25	U	25	2.2	ug/L		05/19/23 15:57	05/23/23 01:05	5
Phenol	25	U	25	2.0	ug/L		05/19/23 15:57	05/23/23 01:05	5
Pyrene	25	U	25	1.7	ug/L		05/19/23 15:57	05/23/23 01:05	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*93*	*T J N*	*ug/L*		*3.05*	*110-82-7*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Unknown	*110*	*T J*	*ug/L*		*3.24*	*N/A*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Chloroiodomethane	*12*	*T J N*	*ug/L*		*3.90*	*593-71-5*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Unknown	*68*	*T J*	*ug/L*		*5.14*	*N/A*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Phenol, 4,4'-(1-methylethylidene)bis-	*39*	*T J N*	*ug/L*		*11.67*	*80-05-7*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Octadecane, 2-methyl-	*9.6*	*T J N*	*ug/L*		*12.77*	*1560-88-9*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Heptacosane	*9.1*	*T J N*	*ug/L*		*13.23*	*593-49-7*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Heneicosane	*8.2*	*T J N*	*ug/L*		*13.71*	*629-94-7*	*05/19/23 15:57*	*05/23/23 01:05*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*41 - 120*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
2-Fluorobiphenyl	*102*		*48 - 120*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
2-Fluorophenol (Surr)	*60*		*35 - 120*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Nitrobenzene-d5 (Surr)	*74*		*46 - 120*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
Phenol-d5 (Surr)	*39*		*22 - 120*	*05/19/23 15:57*	*05/23/23 01:05*	*5*
p-Terphenyl-d14 (Surr)	*82*		*60 - 148*	*05/19/23 15:57*	*05/23/23 01:05*	*5*

Client Sample ID: WG-11209162-051723-BP-008
Date Collected: 05/17/23 17:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-8
Matrix: Water

Method: SW846 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			05/22/23 14:13	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 14:13	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 14:13	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 14:13	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 14:13	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 14:13	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 14:13	1
2-Butanone (MEK)	**2.1**	**J**	10	1.3	ug/L			05/22/23 14:13	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 14:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 14:13	1
Acetone	**5.0**	**J**	10	3.0	ug/L			05/22/23 14:13	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 14:13	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 14:13	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 14:13	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 14:13	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 14:13	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 14:13	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 14:13	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 14:13	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 14:13	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 14:13	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 14:13	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 14:13	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 14:13	1
Ethyl ether	**2.5**	**J**	10	0.72	ug/L			05/22/23 14:13	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 14:13	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 14:13	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 14:13	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 14:13	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 14:13	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 14:13	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 14:13	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 14:13	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 14:13	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 14:13	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 14:13	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 14:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 14:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*05/22/23 14:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/22/23 14:13*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*05/22/23 14:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/22/23 14:13*	*1*

Method: SW846 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		05/19/23 15:57	05/23/23 01:32	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051723-BP-008
Date Collected: 05/17/23 17:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-8
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 01:32	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 01:32	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/23/23 01:32	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 01:32	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 01:32	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/23/23 01:32	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/23/23 01:32	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/23/23 01:32	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/23/23 01:32	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 01:32	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/23/23 01:32	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 01:32	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/23/23 01:32	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/23/23 01:32	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/23/23 01:32	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/23/23 01:32	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/23/23 01:32	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/23/23 01:32	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/23/23 01:32	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 01:32	1
Di-n-butyl phthalate	**0.83**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/23/23 01:32	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 01:32	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 01:32	1

Client Sample ID: WG-11209162-051723-BP-008
Date Collected: 05/17/23 17:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-8
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 01:32	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 01:32	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/23/23 01:32	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 01:32	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 01:32	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 01:32	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/23/23 01:32	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/23/23 01:32	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/23/23 01:32	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/23/23 01:32	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 01:32	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 01:32	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/23/23 01:32	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/23/23 01:32	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 01:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.8*	*T J*	*ug/L*		*2.63*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Unknown	*9.3*	*T J*	*ug/L*		*2.91*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Cyclohexane	*2.4*	*T J N*	*ug/L*		*3.06*	*110-82-7*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Unknown	*85*	*T J*	*ug/L*		*3.33*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Unknown	*50*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*8.2*	*T J N*	*ug/L*		*11.67*	*80-05-7*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Octacosane	*3.0*	*T J N*	*ug/L*		*11.95*	*630-02-4*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Hexadecane	*5.6*	*T J N*	*ug/L*		*12.34*	*544-76-3*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Pentacosane	*8.1*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Unknown	*3.1*	*T J*	*ug/L*		*13.08*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Hexatriacontane	*8.5*	*T J N*	*ug/L*		*13.23*	*630-06-8*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Eicosane	*8.9*	*T J N*	*ug/L*		*13.71*	*112-95-8*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Unknown	*1.6*	*T J*	*ug/L*		*14.01*	*N/A*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Tridecane, 7-hexyl-	*6.7*	*T J N*	*ug/L*		*14.21*	*7225-66-3*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Heneicosane	*3.6*	*T J N*	*ug/L*		*14.74*	*629-94-7*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Tricosane	*2.0*	*T J N*	*ug/L*		*15.29*	*638-67-5*	*05/19/23 15:57*	*05/23/23 01:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*41 - 120*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
2-Fluorobiphenyl	*107*		*48 - 120*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
2-Fluorophenol (Surr)	*62*		*35 - 120*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
Phenol-d5 (Surr)	*43*		*22 - 120*	*05/19/23 15:57*	*05/23/23 01:32*	*1*
p-Terphenyl-d14 (Surr)	*98*		*60 - 148*	*05/19/23 15:57*	*05/23/23 01:32*	*1*

Client Sample ID: WG-11209162-051823-BP-009
Date Collected: 05/18/23 07:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-9
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	16	ug/L			05/22/23 14:35	20
1,1,2,2-Tetrachloroethane	100	U	100	4.2	ug/L			05/22/23 14:35	20
1,1,2-Trichloroethane	100	U	100	4.6	ug/L			05/22/23 14:35	20
1,1-Dichloroethane	100	U	100	7.6	ug/L			05/22/23 14:35	20
1,1-Dichloroethene	100	U	100	5.8	ug/L			05/22/23 14:35	20
1,2-Dichloroethane	100	U	100	4.2	ug/L			05/22/23 14:35	20
1,2-Dichloropropane	100	U	100	14	ug/L			05/22/23 14:35	20
2-Butanone (MEK)	200	U	200	26	ug/L			05/22/23 14:35	20
2-Hexanone	200	U	200	25	ug/L			05/22/23 14:35	20
4-Methyl-2-pentanone (MIBK)	200	U	200	42	ug/L			05/22/23 14:35	20
Acetone	200	U	200	60	ug/L			05/22/23 14:35	20
Benzene	20	U	20	8.2	ug/L			05/22/23 14:35	20
Bromodichloromethane	100	U	100	7.8	ug/L			05/22/23 14:35	20
Bromoform	100	U	100	5.2	ug/L			05/22/23 14:35	20
Bromomethane	200	U	200	14	ug/L			05/22/23 14:35	20
Carbon disulfide	100	U	100	3.8	ug/L			05/22/23 14:35	20
Carbon tetrachloride	100	U	100	5.4	ug/L			05/22/23 14:35	20
Chlorobenzene	100	U	100	15	ug/L			05/22/23 14:35	20
Chloroethane	200	U	200	6.4	ug/L			05/22/23 14:35	20
Chloroform	100	U	100	6.8	ug/L			05/22/23 14:35	20
Chloromethane	200	U	200	7.0	ug/L			05/22/23 14:35	20
cis-1,2-Dichloroethene	100	U	100	16	ug/L			05/22/23 14:35	20
cis-1,3-Dichloropropene	100	U	100	7.2	ug/L			05/22/23 14:35	20
Dibromochloromethane	100	U	100	6.4	ug/L			05/22/23 14:35	20
Ethyl ether	**720**		200	14	ug/L			05/22/23 14:35	20
Ethylbenzene	100	U	100	15	ug/L			05/22/23 14:35	20
m&p-Xylene	100	U	100	13	ug/L			05/22/23 14:35	20
Methylene Chloride	100	U	100	8.8	ug/L			05/22/23 14:35	20
o-Xylene	100	U	100	15	ug/L			05/22/23 14:35	20
Styrene	100	U	100	15	ug/L			05/22/23 14:35	20
Tetrachloroethene	100	U	100	7.2	ug/L			05/22/23 14:35	20
Toluene	100	U	100	10	ug/L			05/22/23 14:35	20
trans-1,2-Dichloroethene	100	U	100	18	ug/L			05/22/23 14:35	20
trans-1,3-Dichloropropene	100	U	100	7.4	ug/L			05/22/23 14:35	20
Trichloroethene	100	U	100	9.2	ug/L			05/22/23 14:35	20
Vinyl chloride	200	U	200	18	ug/L			05/22/23 14:35	20
2-Methylthiophene	200	U	200	8.8	ug/L			05/22/23 14:35	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 14:35*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*05/22/23 14:35*	*20*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*05/22/23 14:35*	*20*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*05/22/23 14:35*	*20*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/22/23 14:35*	*20*

Method: SW846 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		05/19/23 15:57	05/23/23 02:00	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051823-BP-009
Date Collected: 05/18/23 07:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-9
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 02:00	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 02:00	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/23/23 02:00	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 02:00	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 02:00	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/23/23 02:00	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/23/23 02:00	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/23/23 02:00	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/23/23 02:00	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 02:00	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/23/23 02:00	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 02:00	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/23/23 02:00	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/23/23 02:00	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/23/23 02:00	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/23/23 02:00	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/23/23 02:00	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/23/23 02:00	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/23/23 02:00	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 02:00	1
Di-n-butyl phthalate	**0.98**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/23/23 02:00	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 02:00	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 02:00	1

Client Sample ID: WG-11209162-051823-BP-009
Date Collected: 05/18/23 07:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-9
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 02:00	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 02:00	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/23/23 02:00	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 02:00	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 02:00	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 02:00	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/23/23 02:00	1
Naphthalene	**1.3**	**J**	5.0	0.76	ug/L		05/19/23 15:57	05/23/23 02:00	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/23/23 02:00	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/23/23 02:00	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 02:00	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 02:00	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/23/23 02:00	1
Phenol	**0.95**	**J**	5.0	0.39	ug/L		05/19/23 15:57	05/23/23 02:00	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 02:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J*	*ug/L*		*3.10*	*N/A*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Unknown	*100*	*T J*	*ug/L*		*3.33*	*N/A*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Triethylamine	*220*	*T J N*	*ug/L*		*3.41*	*121-44-8*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Unknown	*52*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Talbutal	*36*	*T J N*	*ug/L*		*10.05*	*115-44-6*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Phenobarbital di-methyl derivative	*8.4*	*T J N*	*ug/L*		*10.55*	*1000137-13-1*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Hexobarbital	*18*	*T J N*	*ug/L*		*10.62*	*56-29-1*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Mephobarbital	*48*	*T J N*	*ug/L*		*10.78*	*115-38-8*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Phenobarbital	*54*	*T J N*	*ug/L*		*11.02*	*50-06-6*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Unknown	*30*	*T J*	*ug/L*		*11.05*	*N/A*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*8.2*	*T J N*	*ug/L*		*11.68*	*80-05-7*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Heptadecane	*7.8*	*T J N*	*ug/L*		*12.34*	*629-78-7*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Dipyrone	*24*	*T J N*	*ug/L*		*12.40*	*68-89-3*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Pentacosane	*12*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Docosane	*11*	*T J N*	*ug/L*		*13.22*	*629-97-0*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Eicosane	*10*	*T J N*	*ug/L*		*13.71*	*112-95-8*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Octacosane	*7.1*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Cholestan-3-ol, (3.alpha.,5.beta.)-	*18*	*T J N*	*ug/L*		*16.23*	*516-92-7*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Unknown	*20*	*T J*	*ug/L*		*16.48*	*N/A*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Cholestan-3-ol	*18*	*T J N*	*ug/L*		*16.54*	*27409-41-2*	*05/19/23 15:57*	*05/23/23 02:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*41 - 120*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
2-Fluorobiphenyl	*104*		*48 - 120*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
2-Fluorophenol (Surr)	*62*		*35 - 120*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
Phenol-d5 (Surr)	*43*		*22 - 120*	*05/19/23 15:57*	*05/23/23 02:00*	*1*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*	*05/19/23 15:57*	*05/23/23 02:00*	*1*

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051823-BP-010
Date Collected: 05/18/23 08:30
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-10
Matrix: Water

Method: SW846 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			05/22/23 14:57	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 14:57	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 14:57	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 14:57	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 14:57	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 14:57	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 14:57	1
2-Butanone (MEK)	**2.0**	**J**	10	1.3	ug/L			05/22/23 14:57	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 14:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 14:57	1
Acetone	**4.0**	**J**	10	3.0	ug/L			05/22/23 14:57	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 14:57	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 14:57	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 14:57	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 14:57	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 14:57	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 14:57	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 14:57	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 14:57	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 14:57	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 14:57	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 14:57	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 14:57	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 14:57	1
Ethyl ether	**42**		10	0.72	ug/L			05/22/23 14:57	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 14:57	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 14:57	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 14:57	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 14:57	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 14:57	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 14:57	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 14:57	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 14:57	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 14:57	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 14:57	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 14:57	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 14:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 14:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*05/22/23 14:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/22/23 14:57*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*05/22/23 14:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/22/23 14:57*	*1*

Method: SW846 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		05/19/23 15:57	05/23/23 05:12	1

Client Sample ID: WG-11209162-051823-BP-010
Lab Sample ID: 480-209014-10
Date Collected: 05/18/23 08:30
Matrix: Water
Date Received: 05/19/23 09:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 05:12	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:12	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/23/23 05:12	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 05:12	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 05:12	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/23/23 05:12	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/23/23 05:12	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/23/23 05:12	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/23/23 05:12	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:12	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/23/23 05:12	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:12	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/23/23 05:12	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/23/23 05:12	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/23/23 05:12	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/23/23 05:12	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/23/23 05:12	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/23/23 05:12	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/23/23 05:12	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:12	1
Di-n-butyl phthalate	**0.64**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/23/23 05:12	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:12	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:12	1

Client Sample ID: WG-11209162-051823-BP-010
Lab Sample ID: 480-209014-10
Date Collected: 05/18/23 08:30
Matrix: Water
Date Received: 05/19/23 09:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:12	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:12	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/23/23 05:12	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:12	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:12	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:12	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/23/23 05:12	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/23/23 05:12	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/23/23 05:12	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/23/23 05:12	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:12	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:12	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/23/23 05:12	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/23/23 05:12	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 05:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Diisopropylamine	*67*	*T J N*	*ug/L*		*3.07*	*108-18-9*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Unknown	*81*	*T J*	*ug/L*		*3.31*	*N/A*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Triethylamine	*34*	*T J N*	*ug/L*		*3.39*	*121-44-8*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Unknown	*60*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Lidocaine	*2.5*	*T J N*	*ug/L*		*10.66*	*137-58-6*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Mephobarbital	*5.6*	*T J N*	*ug/L*		*10.77*	*115-38-8*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Phenobarbital	*3.3*	*T J N*	*ug/L*		*11.01*	*50-06-6*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Unknown	*5.4*	*T J*	*ug/L*		*12.15*	*N/A*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Dodecane, 2-methyl-6-propyl-	*3.6*	*T J N*	*ug/L*		*12.34*	*55045-08-4*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Eicosane	*4.9*	*T J N*	*ug/L*		*12.77*	*112-95-8*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Nonadecane	*5.9*	*T J N*	*ug/L*		*13.22*	*629-92-5*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Heptacosane	*5.0*	*T J N*	*ug/L*		*13.71*	*593-49-7*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Octacosane	*3.4*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Eicosane, 10-methyl-	*2.3*	*T J N*	*ug/L*		*14.74*	*54833-23-7*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Unknown	*3.1*	*T J*	*ug/L*		*15.16*	*N/A*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Cholestan-3-ol, (3.alpha.,5.beta.)-	*40*	*T J N*	*ug/L*		*16.23*	*516-92-7*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Unknown	*100*	*T J*	*ug/L*		*16.47*	*N/A*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
5.alpha.-cholestan-3.Beta.-ol	*100*	*T J N*	*ug/L*		*16.55*	*1000213-40-9*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Cholestan-3-one	*24*	*T J N*	*ug/L*		*16.80*	*15600-08-5*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Cholest-4-en-3-one	*6.0*	*T J N*	*ug/L*		*17.36*	*601-57-0*	*05/19/23 15:57*	*05/23/23 05:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*41 - 120*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
2-Fluorobiphenyl	*105*		*48 - 120*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
2-Fluorophenol (Surr)	*60*		*35 - 120*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
Phenol-d5 (Surr)	*41*		*22 - 120*	*05/19/23 15:57*	*05/23/23 05:12*	*1*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*	*05/19/23 15:57*	*05/23/23 05:12*	*1*

Client Sample ID: WG-11209162-051823-BP-011
Date Collected: 05/18/23 10:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-11
Matrix: Water

Method: SW846 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			05/22/23 15:19	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 15:19	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 15:19	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 15:19	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 15:19	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 15:19	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 15:19	1
2-Butanone (MEK)	**1.8**	**J**	10	1.3	ug/L			05/22/23 15:19	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 15:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 15:19	1
Acetone	10	U	10	3.0	ug/L			05/22/23 15:19	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 15:19	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 15:19	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 15:19	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 15:19	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 15:19	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 15:19	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 15:19	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 15:19	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 15:19	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 15:19	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 15:19	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 15:19	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 15:19	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 15:19	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 15:19	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 15:19	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 15:19	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 15:19	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 15:19	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 15:19	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 15:19	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 15:19	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 15:19	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 15:19	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 15:19	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 15:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 15:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*05/22/23 15:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/22/23 15:19*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*05/22/23 15:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/22/23 15:19*	*1*

Method: SW846 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		05/19/23 15:57	05/23/23 05:39	1

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: WG-11209162-051823-BP-011
Date Collected: 05/18/23 10:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-11
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 05:39	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:39	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/23/23 05:39	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/23/23 05:39	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/23/23 05:39	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/23/23 05:39	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/23/23 05:39	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/23/23 05:39	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/23/23 05:39	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:39	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/23/23 05:39	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/23/23 05:39	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/23/23 05:39	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/23/23 05:39	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/23/23 05:39	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/23/23 05:39	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/23/23 05:39	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/23/23 05:39	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/23/23 05:39	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:39	1
Di-n-butyl phthalate	**0.37**	**J B**	5.0	0.31	ug/L		05/19/23 15:57	05/23/23 05:39	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:39	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/23/23 05:39	1

Client Sample ID: WG-11209162-051823-BP-011
Lab Sample ID: 480-209014-11
Date Collected: 05/18/23 10:00
Matrix: Water
Date Received: 05/19/23 09:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/23/23 05:39	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:39	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/23/23 05:39	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:39	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/23/23 05:39	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/23/23 05:39	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/23/23 05:39	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/23/23 05:39	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/23/23 05:39	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/23/23 05:39	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/23/23 05:39	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/23/23 05:39	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/23/23 05:39	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/23/23 05:39	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/23/23 05:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.9*	*T J*	*ug/L*		*2.91*	*N/A*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Cyclohexane	*1.8*	*T J N*	*ug/L*		*3.07*	*110-82-7*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Unknown	*70*	*T J*	*ug/L*		*3.34*	*N/A*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Unknown	*42*	*T J*	*ug/L*		*5.15*	*N/A*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Unknown	*1.8*	*T J*	*ug/L*		*10.44*	*N/A*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Tridecane, 6-propyl-	*2.8*	*T J N*	*ug/L*		*12.34*	*55045-10-8*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Pentacosane	*3.6*	*T J N*	*ug/L*		*12.77*	*629-99-2*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Heneicosane, 11-pentyl-	*4.0*	*T J N*	*ug/L*		*13.22*	*14739-72-1*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Octacosane	*3.7*	*T J N*	*ug/L*		*13.71*	*630-02-4*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Hexacosane	*2.6*	*T J N*	*ug/L*		*14.21*	*630-01-3*	*05/19/23 15:57*	*05/23/23 05:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*41 - 120*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
2-Fluorophenol (Surr)	*46*		*35 - 120*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 120*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
Phenol-d5 (Surr)	*32*		*22 - 120*	*05/19/23 15:57*	*05/23/23 05:39*	*1*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*05/19/23 15:57*	*05/23/23 05:39*	*1*

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: TRIP BLANK

Date Collected: 05/18/23 00:00
Date Received: 05/19/23 09:00

Lab Sample ID: 480-209014-12

Matrix: Water

Method: SW846 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			05/22/23 15:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 15:41	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 15:41	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 15:41	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 15:41	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 15:41	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 15:41	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/22/23 15:41	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 15:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 15:41	1
Acetone	10	U	10	3.0	ug/L			05/22/23 15:41	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 15:41	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 15:41	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 15:41	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 15:41	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 15:41	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 15:41	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 15:41	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 15:41	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 15:41	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 15:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 15:41	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 15:41	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 15:41	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 15:41	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 15:41	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 15:41	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 15:41	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 15:41	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 15:41	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 15:41	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 15:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 15:41	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 15:41	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 15:41	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 15:41	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 15:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 15:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*05/22/23 15:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*05/22/23 15:41*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*05/22/23 15:41*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/22/23 15:41*	*1*

Surrogate Summary

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

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)
480-209014-1	WG-11209162-051723-BP-001	96	96	99	100
480-209014-2	WG-11209162-051723-BP-002	100	101	103	95
480-209014-3	WG-11209162-051723-BP-003	98	94	97	98
480-209014-4	WG-11209162-051723-BP-004	99	99	95	101
480-209014-5	SW-11209162-051723-BP-005	104	100	103	100
480-209014-5 MS	SW-11209162-051723-BP-005	99	97	101	102
480-209014-5 MSD	SW-11209162-051723-BP-005	97	97	99	102
480-209014-6	SW-11209162-051723-BP-006	95	95	97	98
480-209014-7	SW-11209162-051723-BP-007	102	94	101	96
480-209014-8	WG-11209162-051723-BP-008	102	97	103	99
480-209014-9	WG-11209162-051823-BP-009	105	95	108	99
480-209014-10	WG-11209162-051823-BP-010	100	100	99	98
480-209014-11	WG-11209162-051823-BP-011	102	102	103	97
480-209014-12	TRIP BLANK	103	96	97	97
LCS 480-670314/6	Lab Control Sample	100	98	103	104
MB 480-670314/8	Method Blank	100	99	98	102

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)
480-209014-1	WG-11209162-051723-BP-001	105	99	58	80	39	89
480-209014-2	WG-11209162-051723-BP-002	76	89	49	67	34	83
480-209014-3	WG-11209162-051723-BP-003	86	90	52	71	35	82
480-209014-4	WG-11209162-051723-BP-004	117	113	69	92	43	102
480-209014-5	SW-11209162-051723-BP-005	76	81	46	66	32	76
480-209014-5 MS	SW-11209162-051723-BP-005	78	78	48	65	36	65
480-209014-5 MSD	SW-11209162-051723-BP-005	108	99	60	84	45	88
480-209014-6	SW-11209162-051723-BP-006	96	90	58	72	37	73
480-209014-7	SW-11209162-051723-BP-007	110	102	60	74	39	82
480-209014-8	WG-11209162-051723-BP-008	106	107	62	85	43	98
480-209014-9	WG-11209162-051823-BP-009	110	104	62	82	43	94
480-209014-10	WG-11209162-051823-BP-010	110	105	60	82	41	94
480-209014-11	WG-11209162-051823-BP-011	72	76	46	60	32	70
LCS 480-670220/2-A	Lab Control Sample	94	88	61	77	46	97
MB 480-670220/1-A	Method Blank	74	93	54	72	38	100

Surrogate Legend

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

Surrogate Summary

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

TPHd14 = p-Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-670314/8
Matrix: Water
Analysis Batch: 670314

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			05/22/23 10:34	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 10:34	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			05/22/23 10:34	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			05/22/23 10:34	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			05/22/23 10:34	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			05/22/23 10:34	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			05/22/23 10:34	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/22/23 10:34	1
2-Hexanone	10	U	10	1.2	ug/L			05/22/23 10:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			05/22/23 10:34	1
Acetone	10	U	10	3.0	ug/L			05/22/23 10:34	1
Benzene	1.0	U	1.0	0.41	ug/L			05/22/23 10:34	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			05/22/23 10:34	1
Bromoform	5.0	U	5.0	0.26	ug/L			05/22/23 10:34	1
Bromomethane	10	U	10	0.69	ug/L			05/22/23 10:34	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			05/22/23 10:34	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			05/22/23 10:34	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			05/22/23 10:34	1
Chloroethane	10	U	10	0.32	ug/L			05/22/23 10:34	1
Chloroform	5.0	U	5.0	0.34	ug/L			05/22/23 10:34	1
Chloromethane	10	U	10	0.35	ug/L			05/22/23 10:34	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			05/22/23 10:34	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			05/22/23 10:34	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			05/22/23 10:34	1
Ethyl ether	10	U	10	0.72	ug/L			05/22/23 10:34	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			05/22/23 10:34	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			05/22/23 10:34	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			05/22/23 10:34	1
o-Xylene	5.0	U	5.0	0.76	ug/L			05/22/23 10:34	1
Styrene	5.0	U	5.0	0.73	ug/L			05/22/23 10:34	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			05/22/23 10:34	1
Toluene	5.0	U	5.0	0.51	ug/L			05/22/23 10:34	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			05/22/23 10:34	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			05/22/23 10:34	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			05/22/23 10:34	1
Vinyl chloride	10	U	10	0.90	ug/L			05/22/23 10:34	1
2-Methylthiophene	10	U	10	0.44	ug/L			05/22/23 10:34	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/22/23 10:34*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*05/22/23 10:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/22/23 10:34*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*05/22/23 10:34*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/22/23 10:34*	*1*

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

Lab Sample ID: LCS 480-670314/6
Matrix: Water
Analysis Batch: 670314

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	26.0		ug/L		104	73 - 126		
1,1,2,2-Tetrachloroethane			25.0	24.7		ug/L		99	76 - 120		
1,1,2-Trichloroethane			25.0	23.2		ug/L		93	76 - 122		
1,1-Dichloroethane			25.0	26.6		ug/L		106	77 - 120		
1,1-Dichloroethene			25.0	26.1		ug/L		105	66 - 127		
1,2-Dichloroethane			25.0	24.0		ug/L		96	75 - 120		
1,2-Dichloropropane			25.0	24.0		ug/L		96	76 - 120		
2-Butanone (MEK)			125	126		ug/L		101	57 - 140		
2-Hexanone			125	118		ug/L		94	65 - 127		
4-Methyl-2-pentanone (MIBK)			125	125		ug/L		100	71 - 125		
Acetone			125	177		ug/L		142	56 - 142		
Benzene			25.0	24.3		ug/L		97	71 - 124		
Bromodichloromethane			25.0	25.3		ug/L		101	80 - 122		
Bromoform			25.0	26.8		ug/L		107	61 - 132		
Bromomethane			25.0	25.6		ug/L		102	55 - 144		
Carbon disulfide			25.0	27.1		ug/L		108	59 - 134		
Carbon tetrachloride			25.0	26.5		ug/L		106	72 - 134		
Chlorobenzene			25.0	23.5		ug/L		94	80 - 120		
Chloroethane			25.0	26.2		ug/L		105	69 - 136		
Chloroform			25.0	24.1		ug/L		97	73 - 127		
Chloromethane			25.0	22.2		ug/L		89	68 - 124		
cis-1,2-Dichloroethene			25.0	26.0		ug/L		104	74 - 124		
cis-1,3-Dichloropropene			25.0	25.6		ug/L		102	74 - 124		
Dibromochloromethane			25.0	25.9		ug/L		104	75 - 125		
Ethyl ether			25.0	24.9		ug/L		99	76 - 123		
Ethylbenzene			25.0	24.9		ug/L		100	77 - 123		
m&p-Xylene			25.0	25.8		ug/L		103	76 - 122		
Methylene Chloride			25.0	25.0		ug/L		100	75 - 124		
o-Xylene			25.0	25.8		ug/L		103	76 - 122		
Styrene			25.0	24.3		ug/L		97	80 - 120		
Tetrachloroethene			25.0	24.2		ug/L		97	74 - 122		
Toluene			25.0	25.0		ug/L		100	80 - 122		
trans-1,2-Dichloroethene			25.0	27.0		ug/L		108	73 - 127		
trans-1,3-Dichloropropene			25.0	26.2		ug/L		105	80 - 120		
Trichloroethene			25.0	24.4		ug/L		98	74 - 123		
Vinyl chloride			25.0	23.9		ug/L		96	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: 480-209014-5 MS
Matrix: Water
Analysis Batch: 670314

Client Sample ID: SW-11209162-051723-BP-005
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	55.8		ug/L		112	73 - 126
1,1,2,2-Tetrachloroethane	10	U	50.0	52.7		ug/L		105	76 - 120
1,1,2-Trichloroethane	10	U	50.0	47.2		ug/L		94	76 - 122
1,1-Dichloroethane	10	U	50.0	54.7		ug/L		109	77 - 120
1,1-Dichloroethene	10	U	50.0	55.6		ug/L		111	66 - 127
1,2-Dichloroethane	10	U	50.0	48.4		ug/L		97	75 - 120
1,2-Dichloropropane	10	U	50.0	49.4		ug/L		99	76 - 120
2-Butanone (MEK)	20	U	250	243		ug/L		97	57 - 140
2-Hexanone	20	U	250	251		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	20	U	250	266		ug/L		106	71 - 125
Acetone	20	U F1	250	339		ug/L		136	56 - 142
Benzene	2.0	U	50.0	51.2		ug/L		102	71 - 124
Bromodichloromethane	10	U	50.0	49.6		ug/L		99	80 - 122
Bromoform	10	U	50.0	47.9		ug/L		96	61 - 132
Bromomethane	20	U	50.0	54.7		ug/L		109	55 - 144
Carbon disulfide	10	U	50.0	57.2		ug/L		114	59 - 134
Carbon tetrachloride	10	U	50.0	56.8		ug/L		114	72 - 134
Chlorobenzene	10	U	50.0	47.6		ug/L		95	80 - 120
Chloroethane	20	U	50.0	58.5		ug/L		117	69 - 136
Chloroform	10	U	50.0	51.0		ug/L		102	73 - 127
Chloromethane	20	U	50.0	48.8		ug/L		98	68 - 124
cis-1,2-Dichloroethene	10	U	50.0	53.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	10	U	50.0	48.0		ug/L		96	74 - 124
Dibromochloromethane	10	U	50.0	47.6		ug/L		95	75 - 125
Ethyl ether	20	U	50.0	50.9		ug/L		102	76 - 123
Ethylbenzene	10	U	50.0	52.0		ug/L		104	77 - 123
m&p-Xylene	10	U	50.0	52.0		ug/L		104	76 - 122
Methylene Chloride	10	U	50.0	50.9		ug/L		102	75 - 124
o-Xylene	10	U	50.0	53.6		ug/L		107	76 - 122
Styrene	10	U	50.0	50.4		ug/L		101	80 - 120
Tetrachloroethene	10	U	50.0	49.1		ug/L		98	74 - 122
Toluene	10	U	50.0	51.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	10	U	50.0	57.1		ug/L		114	73 - 127
trans-1,3-Dichloropropene	10	U	50.0	48.0		ug/L		96	80 - 120
Trichloroethene	10	U	50.0	51.9		ug/L		104	74 - 123
Vinyl chloride	20	U	50.0	52.7		ug/L		105	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: 480-209014-5 MSD
Matrix: Water
Analysis Batch: 670314

Client Sample ID: SW-11209162-051723-BP-005
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	53.6		ug/L		107	73 - 126	4	15
1,1,2,2-Tetrachloroethane	10	U	50.0	50.8		ug/L		102	76 - 120	4	15
1,1,2-Trichloroethane	10	U	50.0	44.6		ug/L		89	76 - 122	6	15
1,1-Dichloroethane	10	U	50.0	53.9		ug/L		108	77 - 120	2	20
1,1-Dichloroethene	10	U	50.0	55.7		ug/L		111	66 - 127	0	16
1,2-Dichloroethane	10	U	50.0	46.9		ug/L		94	75 - 120	3	20
1,2-Dichloropropane	10	U	50.0	46.6		ug/L		93	76 - 120	6	20
2-Butanone (MEK)	20	U	250	253		ug/L		101	57 - 140	4	20
2-Hexanone	20	U	250	250		ug/L		100	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	20	U	250	254		ug/L		101	71 - 125	5	35
Acetone	20	U F1	250	386	F1	ug/L		154	56 - 142	13	15
Benzene	2.0	U	50.0	49.3		ug/L		99	71 - 124	4	13
Bromodichloromethane	10	U	50.0	48.2		ug/L		96	80 - 122	3	15
Bromoform	10	U	50.0	50.9		ug/L		102	61 - 132	6	15
Bromomethane	20	U	50.0	51.9		ug/L		104	55 - 144	5	15
Carbon disulfide	10	U	50.0	55.2		ug/L		110	59 - 134	4	15
Carbon tetrachloride	10	U	50.0	52.7		ug/L		105	72 - 134	8	15
Chlorobenzene	10	U	50.0	47.4		ug/L		95	80 - 120	0	25
Chloroethane	20	U	50.0	54.4		ug/L		109	69 - 136	7	15
Chloroform	10	U	50.0	48.5		ug/L		97	73 - 127	5	20
Chloromethane	20	U	50.0	46.7		ug/L		93	68 - 124	4	15
cis-1,2-Dichloroethene	10	U	50.0	51.8		ug/L		104	74 - 124	4	15
cis-1,3-Dichloropropene	10	U	50.0	47.7		ug/L		95	74 - 124	1	15
Dibromochloromethane	10	U	50.0	48.4		ug/L		97	75 - 125	2	15
Ethyl ether	20	U	50.0	51.8		ug/L		104	76 - 123	2	20
Ethylbenzene	10	U	50.0	51.4		ug/L		103	77 - 123	1	15
m&p-Xylene	10	U	50.0	49.8		ug/L		100	76 - 122	4	16
Methylene Chloride	10	U	50.0	53.4		ug/L		107	75 - 124	5	15
o-Xylene	10	U	50.0	52.2		ug/L		104	76 - 122	3	16
Styrene	10	U	50.0	49.6		ug/L		99	80 - 120	2	20
Tetrachloroethene	10	U	50.0	49.0		ug/L		98	74 - 122	0	20
Toluene	10	U	50.0	49.8		ug/L		100	80 - 122	4	15
trans-1,2-Dichloroethene	10	U	50.0	57.4		ug/L		115	73 - 127	0	20
trans-1,3-Dichloropropene	10	U	50.0	48.8		ug/L		98	80 - 120	2	15
Trichloroethene	10	U	50.0	50.5		ug/L		101	74 - 123	3	16
Vinyl chloride	20	U	50.0	51.3		ug/L		103	65 - 133	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 480-670220/1-A
Matrix: Water
Analysis Batch: 670377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 670220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		05/19/23 15:57	05/22/23 19:08	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 19:08	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.52	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 19:08	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Nitroaniline	10	U	10	0.42	ug/L		05/19/23 15:57	05/22/23 19:08	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		05/19/23 15:57	05/22/23 19:08	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
3-Nitroaniline	10	U	10	0.48	ug/L		05/19/23 15:57	05/22/23 19:08	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Methylphenol	10	U	10	0.36	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Nitroaniline	10	U	10	0.25	ug/L		05/19/23 15:57	05/22/23 19:08	1
4-Nitrophenol	10	U	10	1.5	ug/L		05/19/23 15:57	05/22/23 19:08	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		05/19/23 15:57	05/22/23 19:08	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		05/19/23 15:57	05/22/23 19:08	1
Anthracene	5.0	U	5.0	0.28	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 19:08	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		05/19/23 15:57	05/22/23 19:08	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		05/19/23 15:57	05/22/23 19:08	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		05/19/23 15:57	05/22/23 19:08	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		05/19/23 15:57	05/22/23 19:08	1
Carbazole	5.0	U	5.0	0.30	ug/L		05/19/23 15:57	05/22/23 19:08	1
Chrysene	5.0	U	5.0	0.33	ug/L		05/19/23 15:57	05/22/23 19:08	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		05/19/23 15:57	05/22/23 19:08	1
Dibenzofuran	10	U	10	0.51	ug/L		05/19/23 15:57	05/22/23 19:08	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		05/19/23 15:57	05/22/23 19:08	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 19:08	1
Di-n-butyl phthalate	0.853	J	5.0	0.31	ug/L		05/19/23 15:57	05/22/23 19:08	1

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

Lab Sample ID: MB 480-670220/1-A
Matrix: Water
Analysis Batch: 670377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 670220

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		05/19/23 15:57	05/22/23 19:08	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		05/19/23 15:57	05/22/23 19:08	1
Fluorene	5.0	U	5.0	0.36	ug/L		05/19/23 15:57	05/22/23 19:08	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 19:08	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		05/19/23 15:57	05/22/23 19:08	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 19:08	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		05/19/23 15:57	05/22/23 19:08	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		05/19/23 15:57	05/22/23 19:08	1
Isophorone	5.0	U	5.0	0.43	ug/L		05/19/23 15:57	05/22/23 19:08	1
Naphthalene	5.0	U	5.0	0.76	ug/L		05/19/23 15:57	05/22/23 19:08	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		05/19/23 15:57	05/22/23 19:08	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		05/19/23 15:57	05/22/23 19:08	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		05/19/23 15:57	05/22/23 19:08	1
Pentachlorophenol	10	U	10	2.2	ug/L		05/19/23 15:57	05/22/23 19:08	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		05/19/23 15:57	05/22/23 19:08	1
Phenol	5.0	U	5.0	0.39	ug/L		05/19/23 15:57	05/22/23 19:08	1
Pyrene	5.0	U	5.0	0.34	ug/L		05/19/23 15:57	05/22/23 19:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*79.5*	*T J*	*ug/L*		*3.34*	*N/A*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Pyridine	*3.78*	*J*	*ug/L*		*4.15*	*110-86-1*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Unknown	*61.6*	*T J*	*ug/L*		*5.16*	*N/A*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Unknown	*3.67*	*T J*	*ug/L*		*10.44*	*N/A*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Unknown	*1.71*	*T J*	*ug/L*		*10.64*	*N/A*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Tridecane, 6-propyl-	*2.33*	*T J N*	*ug/L*		*11.58*	*55045-10-8*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Tricosane	*6.42*	*T J N*	*ug/L*		*11.95*	*638-67-5*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Pentacosane	*10.9*	*T J N*	*ug/L*		*12.34*	*629-99-2*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Docosane	*14.5*	*T J N*	*ug/L*		*12.77*	*629-97-0*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Hexacosane	*16.9*	*T J N*	*ug/L*		*13.23*	*630-01-3*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Heptacosane	*14.2*	*T J N*	*ug/L*		*13.71*	*593-49-7*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Octacosane	*11.5*	*T J N*	*ug/L*		*14.21*	*630-02-4*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Tridecane, 7-hexyl-	*6.39*	*T J N*	*ug/L*		*14.74*	*7225-66-3*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Heptadecane, 2,6,10,15-tetramethyl-	*3.58*	*T J N*	*ug/L*		*15.29*	*54833-48-6*	*05/19/23 15:57*	*05/22/23 19:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*41 - 120*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
2-Fluorobiphenyl	*93*		*48 - 120*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
2-Fluorophenol (Surr)	*54*		*35 - 120*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 120*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
Phenol-d5 (Surr)	*38*		*22 - 120*	*05/19/23 15:57*	*05/22/23 19:08*	*1*
p-Terphenyl-d14 (Surr)	*100*		*60 - 148*	*05/19/23 15:57*	*05/22/23 19:08*	*1*

Lab Sample ID: LCS 480-670220/2-A
Matrix: Water
Analysis Batch: 670377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670220

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trichlorobenzene			32.0	24.4		ug/L		76	40 - 120		

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

Lab Sample ID: LCS 480-670220/2-A
Matrix: Water
Analysis Batch: 670377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	32.0	24.0		ug/L		75	45 - 120
1,3-Dichlorobenzene	32.0	23.7		ug/L		74	40 - 120
1,4-Dichlorobenzene	32.0	23.4		ug/L		73	42 - 120
2,2'-oxybis[1-chloropropane]	32.0	27.2		ug/L		85	21 - 136
2,4,5-Trichlorophenol	32.0	32.9		ug/L		103	65 - 126
2,4,6-Trichlorophenol	32.0	30.6		ug/L		96	64 - 120
2,4-Dichlorophenol	32.0	30.0		ug/L		94	63 - 120
2,4-Dimethylphenol	32.0	24.4		ug/L		76	47 - 120
2,4-Dinitrophenol	64.0	62.5		ug/L		98	31 - 137
2,4-Dinitrotoluene	32.0	30.1		ug/L		94	69 - 120
2,6-Dinitrotoluene	32.0	30.3		ug/L		95	68 - 120
2-Chloronaphthalene	32.0	26.6		ug/L		83	58 - 120
2-Chlorophenol	32.0	25.8		ug/L		81	48 - 120
2-Methylnaphthalene	32.0	28.1		ug/L		88	59 - 120
2-Methylphenol	32.0	24.2		ug/L		76	39 - 120
2-Nitroaniline	32.0	27.5		ug/L		86	54 - 127
2-Nitrophenol	32.0	29.0		ug/L		91	52 - 125
3,3'-Dichlorobenzidine	64.0	55.0		ug/L		86	49 - 135
3-Nitroaniline	32.0	22.4		ug/L		70	51 - 120
4,6-Dinitro-2-methylphenol	64.0	66.8		ug/L		104	46 - 136
4-Bromophenyl phenyl ether	32.0	31.3		ug/L		98	65 - 120
4-Chloro-3-methylphenol	32.0	29.9		ug/L		94	61 - 123
4-Chloroaniline	32.0	17.8		ug/L		56	30 - 120
4-Chlorophenyl phenyl ether	32.0	29.7		ug/L		93	62 - 120
4-Methylphenol	32.0	24.1		ug/L		75	29 - 131
4-Nitroaniline	32.0	28.6		ug/L		89	65 - 120
4-Nitrophenol	64.0	47.1		ug/L		74	45 - 120
Acenaphthene	32.0	27.4		ug/L		86	60 - 120
Acenaphthylene	32.0	31.1		ug/L		97	63 - 120
Anthracene	32.0	31.5		ug/L		98	67 - 120
Benzaldehyde	64.0	52.1		ug/L		81	10 - 140
Benzo[a]anthracene	32.0	32.0		ug/L		100	70 - 121
Benzo[a]pyrene	32.0	31.2		ug/L		98	60 - 123
Benzo[b]fluoranthene	32.0	32.3		ug/L		101	66 - 126
Benzo[g,h,i]perylene	32.0	30.7		ug/L		96	66 - 150
Benzo[k]fluoranthene	32.0	29.7		ug/L		93	65 - 124
Bis(2-chloroethoxy)methane	32.0	26.1		ug/L		81	50 - 128
Bis(2-chloroethyl)ether	32.0	26.5		ug/L		83	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	31.4		ug/L		98	63 - 139
Butyl benzyl phthalate	32.0	30.7		ug/L		96	70 - 129
Carbazole	32.0	37.6		ug/L		117	66 - 123
Chrysene	32.0	31.8		ug/L		100	69 - 120
Dibenz(a,h)anthracene	32.0	30.4		ug/L		95	65 - 135
Dibenzofuran	32.0	28.5		ug/L		89	66 - 120
Diethyl phthalate	32.0	32.4		ug/L		101	59 - 127
Dimethyl phthalate	32.0	31.9		ug/L		100	68 - 120
Di-n-butyl phthalate	32.0	33.5		ug/L		105	69 - 131
Di-n-octyl phthalate	32.0	31.9		ug/L		100	63 - 140
Fluoranthene	32.0	33.6		ug/L		105	69 - 126

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

Lab Sample ID: LCS 480-670220/2-A
Matrix: Water
Analysis Batch: 670377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	32.0	29.2		ug/L		91	66 - 120
Hexachlorobenzene	32.0	31.5		ug/L		98	61 - 120
Hexachlorobutadiene	32.0	23.5		ug/L		73	35 - 120
Hexachlorocyclopentadiene	32.0	18.9		ug/L		59	31 - 120
Hexachloroethane	32.0	21.0		ug/L		66	33 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.7		ug/L		96	69 - 146
Isophorone	32.0	28.1		ug/L		88	55 - 120
Naphthalene	32.0	25.8		ug/L		81	57 - 120
Nitrobenzene	32.0	26.0		ug/L		81	53 - 123
N-Nitrosodi-n-propylamine	32.0	25.4		ug/L		80	32 - 140
N-Nitrosodiphenylamine	32.0	28.7		ug/L		90	61 - 120
Pentachlorophenol	64.0	60.1		ug/L		94	29 - 136
Phenanthrene	32.0	31.7		ug/L		99	68 - 120
Phenol	32.0	15.2		ug/L		48	17 - 120
Pyrene	32.0	31.3		ug/L		98	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*41 - 120*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol (Surr)	*61*		*35 - 120*
Nitrobenzene-d5 (Surr)	*77*		*46 - 120*
Phenol-d5 (Surr)	*46*		*22 - 120*
p-Terphenyl-d14 (Surr)	*97*		*60 - 148*

Lab Sample ID: 480-209014-5 MS
Matrix: Water
Analysis Batch: 670377

Client Sample ID: SW-11209162-051723-BP-005
Prep Type: Total/NA
Prep Batch: 670220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	10	U	32.0	21.5		ug/L		67	49 - 120
1,2-Dichlorobenzene	10	U	32.0	21.2		ug/L		66	48 - 120
1,3-Dichlorobenzene	10	U	32.0	20.6		ug/L		64	51 - 120
1,4-Dichlorobenzene	10	U	32.0	20.7		ug/L		65	32 - 150
2,2'-oxybis[1-chloropropane]	5.0	U	32.0	23.6		ug/L		74	28 - 121
2,4,5-Trichlorophenol	5.0	U F2	32.0	28.5		ug/L		89	65 - 126
2,4,6-Trichlorophenol	5.0	U F2	32.0	26.5		ug/L		83	64 - 120
2,4-Dichlorophenol	5.0	U F2	32.0	25.5		ug/L		80	48 - 132
2,4-Dimethylphenol	5.0	U	32.0	20.5		ug/L		64	39 - 130
2,4-Dinitrophenol	10	U F2	64.0	57.0		ug/L		89	21 - 150
2,4-Dinitrotoluene	5.0	U F2	32.0	26.2		ug/L		82	54 - 138
2,6-Dinitrotoluene	5.0	U F2	32.0	27.0		ug/L		84	17 - 150
2-Chloronaphthalene	5.0	U F2	32.0	23.4		ug/L		73	52 - 124
2-Chlorophenol	5.0	U	32.0	22.5		ug/L		70	48 - 120
2-Methylnaphthalene	5.0	U F2	32.0	24.4		ug/L		76	34 - 140
2-Methylphenol	5.0	U	32.0	20.1		ug/L		63	46 - 120
2-Nitroaniline	10	U F2	32.0	24.3		ug/L		76	44 - 136
2-Nitrophenol	5.0	U F2	32.0	24.9		ug/L		78	38 - 141
3,3'-Dichlorobenzidine	5.0	U	64.0	33.8		ug/L		53	10 - 150

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

Lab Sample ID: 480-209014-5 MS
Matrix: Water
Analysis Batch: 670377

Client Sample ID: SW-11209162-051723-BP-005
Prep Type: Total/NA
Prep Batch: 670220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	10	U	32.0	17.1		ug/L		54	32 - 150
4,6-Dinitro-2-methylphenol	10	U F2	64.0	56.6		ug/L		88	38 - 150
4-Bromophenyl phenyl ether	5.0	U F2	32.0	26.5		ug/L		83	63 - 126
4-Chloro-3-methylphenol	5.0	U	32.0	25.1		ug/L		79	64 - 127
4-Chloroaniline	5.0	U F2	32.0	12.3		ug/L		39	16 - 124
4-Chlorophenyl phenyl ether	5.0	U F2	32.0	26.4		ug/L		83	61 - 120
4-Methylphenol	10	U F2	32.0	19.7		ug/L		62	36 - 120
4-Nitroaniline	10	U F2	32.0	23.6		ug/L		74	32 - 150
4-Nitrophenol	10	U	64.0	42.2		ug/L		66	23 - 132
Acenaphthene	5.0	U	32.0	24.1		ug/L		75	48 - 120
Acenaphthylene	5.0	U F2	32.0	27.1		ug/L		85	63 - 120
Anthracene	0.40	J F2	32.0	25.8		ug/L		79	65 - 122
Benzaldehyde	5.0	U F2	64.0	43.6		ug/L		68	10 - 150
Benzo[a]anthracene	0.41	J F2	32.0	25.5		ug/L		78	43 - 124
Benzo[a]pyrene	5.0	U F2	32.0	23.6		ug/L		74	23 - 125
Benzo[b]fluoranthene	5.0	U F2	32.0	25.6		ug/L		80	27 - 127
Benzo[g,h,i]perylene	5.0	U F2	32.0	22.7		ug/L		71	16 - 147
Benzo[k]fluoranthene	5.0	U	32.0	24.5		ug/L		77	20 - 124
Bis(2-chloroethoxy)methane	5.0	U F2	32.0	22.7		ug/L		71	44 - 128
Bis(2-chloroethyl)ether	5.0	U F2	32.0	22.9		ug/L		72	45 - 120
Bis(2-ethylhexyl) phthalate	5.0	U F2	32.0	23.8		ug/L		74	16 - 150
Butyl benzyl phthalate	5.0	U F2	32.0	25.7		ug/L		80	51 - 140
Carbazole	5.0	U F2	32.0	31.5		ug/L		98	16 - 148
Chrysene	0.43	J F2	32.0	25.9		ug/L		80	44 - 122
Dibenz(a,h)anthracene	5.0	U F2	32.0	22.5		ug/L		70	16 - 139
Dibenzofuran	10	U F2	32.0	25.3		ug/L		79	60 - 120
Diethyl phthalate	5.0	U F2	32.0	27.7		ug/L		86	53 - 133
Dimethyl phthalate	5.0	U F2	32.0	27.4		ug/L		86	59 - 123
Di-n-butyl phthalate	0.62	J F2 B	32.0	28.2		ug/L		86	65 - 129
Di-n-octyl phthalate	5.0	U F2	32.0	24.5		ug/L		77	16 - 150
Fluoranthene	1.7	J F2	32.0	27.0		ug/L		79	63 - 129
Fluorene	5.0	U F2	32.0	25.6		ug/L		80	62 - 120
Hexachlorobenzene	5.0	U F2	32.0	25.2		ug/L		79	57 - 121
Hexachlorobutadiene	5.0	U	32.0	20.5		ug/L		64	37 - 120
Hexachlorocyclopentadiene	5.0	U	32.0	12.0		ug/L		38	21 - 120
Hexachloroethane	5.0	U	32.0	18.0		ug/L		56	16 - 130
Indeno[1,2,3-cd]pyrene	5.0	U F2	32.0	22.6		ug/L		70	16 - 140
Isophorone	5.0	U F2	32.0	24.2		ug/L		76	48 - 133
Naphthalene	2.5	J	32.0	22.6		ug/L		63	45 - 120
Nitrobenzene	5.0	U F2	32.0	22.3		ug/L		70	45 - 123
N-Nitrosodi-n-propylamine	5.0	U	32.0	22.6		ug/L		70	49 - 120
N-Nitrosodiphenylamine	5.0	U F2	32.0	24.0		ug/L		75	39 - 138
Pentachlorophenol	10	U	64.0	53.1		ug/L		83	23 - 149
Phenanthrene	1.5	J F2	32.0	26.4		ug/L		78	65 - 122
Phenol	5.0	U	32.0	12.3		ug/L		38	16 - 120
Pyrene	1.1	J F2	32.0	26.6		ug/L		80	58 - 128

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

Lab Sample ID: 480-209014-5 MS
Matrix: Water
Analysis Batch: 670377

Client Sample ID: SW-11209162-051723-BP-005
Prep Type: Total/NA
Prep Batch: 670220

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*78*		*41 - 120*
2-Fluorobiphenyl	*78*		*48 - 120*
2-Fluorophenol (Surr)	*48*		*35 - 120*
Nitrobenzene-d5 (Surr)	*65*		*46 - 120*
Phenol-d5 (Surr)	*36*		*22 - 120*
p-Terphenyl-d14 (Surr)	*65*		*60 - 148*

Lab Sample ID: 480-209014-5 MSD
Matrix: Water
Analysis Batch: 670377

Client Sample ID: SW-11209162-051723-BP-005
Prep Type: Total/NA
Prep Batch: 670220

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	10	U	32.0	27.9		ug/L		87	49 - 120	26	30
1,2-Dichlorobenzene	10	U	32.0	27.1		ug/L		85	48 - 120	24	29
1,3-Dichlorobenzene	10	U	32.0	25.8		ug/L		81	51 - 120	22	37
1,4-Dichlorobenzene	10	U	32.0	26.0		ug/L		81	32 - 150	23	36
2,2'-oxybis[1-chloropropane]	5.0	U	32.0	30.1		ug/L		94	28 - 121	24	24
2,4,5-Trichlorophenol	5.0	U F2	32.0	35.2	F2	ug/L		110	65 - 126	21	18
2,4,6-Trichlorophenol	5.0	U F2	32.0	33.9	F2	ug/L		106	64 - 120	25	19
2,4-Dichlorophenol	5.0	U F2	32.0	33.4	F2	ug/L		104	48 - 132	27	19
2,4-Dimethylphenol	5.0	U	32.0	26.6		ug/L		83	39 - 130	26	42
2,4-Dinitrophenol	10	U F2	64.0	75.7	F2	ug/L		118	21 - 150	28	22
2,4-Dinitrotoluene	5.0	U F2	32.0	34.8	F2	ug/L		109	54 - 138	29	20
2,6-Dinitrotoluene	5.0	U F2	32.0	34.3	F2	ug/L		107	17 - 150	24	15
2-Chloronaphthalene	5.0	U F2	32.0	29.5	F2	ug/L		92	52 - 124	23	21
2-Chlorophenol	5.0	U	32.0	28.1		ug/L		88	48 - 120	22	25
2-Methylnaphthalene	5.0	U F2	32.0	31.8	F2	ug/L		99	34 - 140	26	21
2-Methylphenol	5.0	U	32.0	25.5		ug/L		80	46 - 120	23	27
2-Nitroaniline	10	U F2	32.0	30.8	F2	ug/L		96	44 - 136	24	15
2-Nitrophenol	5.0	U F2	32.0	32.5	F2	ug/L		102	38 - 141	27	18
3,3'-Dichlorobenzidine	5.0	U	64.0	39.9		ug/L		62	10 - 150	17	25
3-Nitroaniline	10	U	32.0	20.8		ug/L		65	32 - 150	19	19
4,6-Dinitro-2-methylphenol	10	U F2	64.0	78.0	F2	ug/L		122	38 - 150	32	15
4-Bromophenyl phenyl ether	5.0	U F2	32.0	35.9	F2	ug/L		112	63 - 126	30	15
4-Chloro-3-methylphenol	5.0	U	32.0	32.8		ug/L		103	64 - 127	27	27
4-Chloroaniline	5.0	U F2	32.0	16.5	F2	ug/L		52	16 - 124	29	22
4-Chlorophenyl phenyl ether	5.0	U F2	32.0	33.5	F2	ug/L		105	61 - 120	24	16
4-Methylphenol	10	U F2	32.0	25.4	F2	ug/L		79	36 - 120	25	24
4-Nitroaniline	10	U F2	32.0	33.0	F2	ug/L		103	32 - 150	33	24
4-Nitrophenol	10	U	64.0	50.7		ug/L		79	23 - 132	18	48
Acenaphthene	5.0	U	32.0	30.8		ug/L		96	48 - 120	24	24
Acenaphthylene	5.0	U F2	32.0	35.2	F2	ug/L		110	63 - 120	26	18
Anthracene	0.40	J F2	32.0	34.6	F2	ug/L		107	65 - 122	29	15
Benzaldehyde	5.0	U F2	64.0	54.8	F2	ug/L		86	10 - 150	23	20
Benzo[a]anthracene	0.41	J F2	32.0	34.3	F2	ug/L		106	43 - 124	30	15
Benzo[a]pyrene	5.0	U F2	32.0	31.7	F2	ug/L		99	23 - 125	29	15
Benzo[b]fluoranthene	5.0	U F2	32.0	33.7	F2	ug/L		105	27 - 127	27	15
Benzo[g,h,i]perylene	5.0	U F2	32.0	30.5	F2	ug/L		95	16 - 147	29	15

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

Lab Sample ID: 480-209014-5 MSD
Client Sample ID: SW-11209162-051723-BP-005
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 670377
Prep Batch: 670220

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene	5.0	U	32.0	29.6		ug/L		93	20 - 124	19	22
Bis(2-chloroethoxy)methane	5.0	U F2	32.0	29.7	F2	ug/L		93	44 - 128	27	17
Bis(2-chloroethyl)ether	5.0	U F2	32.0	29.2	F2	ug/L		91	45 - 120	24	21
Bis(2-ethylhexyl) phthalate	5.0	U F2	32.0	31.5	F2	ug/L		99	16 - 150	28	15
Butyl benzyl phthalate	5.0	U F2	32.0	34.3	F2	ug/L		107	51 - 140	28	16
Carbazole	5.0	U F2	32.0	43.1	F2	ug/L		135	16 - 148	31	20
Chrysene	0.43	J F2	32.0	34.5	F2	ug/L		107	44 - 122	28	15
Dibenz(a,h)anthracene	5.0	U F2	32.0	30.7	F2	ug/L		96	16 - 139	31	15
Dibenzofuran	10	U F2	32.0	32.7	F2	ug/L		102	60 - 120	26	15
Diethyl phthalate	5.0	U F2	32.0	36.6	F2	ug/L		114	53 - 133	28	15
Dimethyl phthalate	5.0	U F2	32.0	35.9	F2	ug/L		112	59 - 123	27	15
Di-n-butyl phthalate	0.62	J F2 B	32.0	36.3	F2	ug/L		111	65 - 129	25	15
Di-n-octyl phthalate	5.0	U F2	32.0	31.7	F2	ug/L		99	16 - 150	25	16
Fluoranthene	1.7	J F2	32.0	37.0	F2	ug/L		110	63 - 129	31	15
Fluorene	5.0	U F2	32.0	33.8	F2	ug/L		106	62 - 120	28	15
Hexachlorobenzene	5.0	U F2	32.0	35.1	F2	ug/L		110	57 - 121	33	15
Hexachlorobutadiene	5.0	U	32.0	25.4		ug/L		79	37 - 120	21	44
Hexachlorocyclopentadiene	5.0	U	32.0	16.4		ug/L		51	21 - 120	31	49
Hexachloroethane	5.0	U	32.0	23.5		ug/L		73	16 - 130	26	46
Indeno[1,2,3-cd]pyrene	5.0	U F2	32.0	30.4	F2	ug/L		95	16 - 140	30	15
Isophorone	5.0	U F2	32.0	31.8	F2	ug/L		99	48 - 133	27	17
Naphthalene	2.5	J	32.0	29.0		ug/L		83	45 - 120	25	29
Nitrobenzene	5.0	U F2	32.0	29.0	F2	ug/L		91	45 - 123	26	24
N-Nitrosodi-n-propylamine	5.0	U	32.0	28.5		ug/L		89	49 - 120	23	31
N-Nitrosodiphenylamine	5.0	U F2	32.0	32.3	F2	ug/L		101	39 - 138	29	15
Pentachlorophenol	10	U	64.0	74.3		ug/L		116	23 - 149	33	37
Phenanthrene	1.5	J F2	32.0	34.9	F2	ug/L		104	65 - 122	28	15
Phenol	5.0	U	32.0	15.3		ug/L		48	16 - 120	22	34
Pyrene	1.1	J F2	32.0	35.2	F2	ug/L		107	58 - 128	28	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*41 - 120*
2-Fluorobiphenyl	*99*		*48 - 120*
2-Fluorophenol (Surr)	*60*		*35 - 120*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*
Phenol-d5 (Surr)	*45*		*22 - 120*
p-Terphenyl-d14 (Surr)	*88*		*60 - 148*

GC/MS VOA

Analysis Batch: 670314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209014-1	WG-11209162-051723-BP-001	Total/NA	Water	8260C	
480-209014-2	WG-11209162-051723-BP-002	Total/NA	Water	8260C	
480-209014-3	WG-11209162-051723-BP-003	Total/NA	Water	8260C	
480-209014-4	WG-11209162-051723-BP-004	Total/NA	Water	8260C	
480-209014-5	SW-11209162-051723-BP-005	Total/NA	Water	8260C	
480-209014-6	SW-11209162-051723-BP-006	Total/NA	Water	8260C	
480-209014-7	SW-11209162-051723-BP-007	Total/NA	Water	8260C	
480-209014-8	WG-11209162-051723-BP-008	Total/NA	Water	8260C	
480-209014-9	WG-11209162-051823-BP-009	Total/NA	Water	8260C	
480-209014-10	WG-11209162-051823-BP-010	Total/NA	Water	8260C	
480-209014-11	WG-11209162-051823-BP-011	Total/NA	Water	8260C	
480-209014-12	TRIP BLANK	Total/NA	Water	8260C	
MB 480-670314/8	Method Blank	Total/NA	Water	8260C	
LCS 480-670314/6	Lab Control Sample	Total/NA	Water	8260C	
480-209014-5 MS	SW-11209162-051723-BP-005	Total/NA	Water	8260C	
480-209014-5 MSD	SW-11209162-051723-BP-005	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 670220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209014-1	WG-11209162-051723-BP-001	Total/NA	Water	3510C	
480-209014-2	WG-11209162-051723-BP-002	Total/NA	Water	3510C	
480-209014-3	WG-11209162-051723-BP-003	Total/NA	Water	3510C	
480-209014-4	WG-11209162-051723-BP-004	Total/NA	Water	3510C	
480-209014-5	SW-11209162-051723-BP-005	Total/NA	Water	3510C	
480-209014-6	SW-11209162-051723-BP-006	Total/NA	Water	3510C	
480-209014-7	SW-11209162-051723-BP-007	Total/NA	Water	3510C	
480-209014-8	WG-11209162-051723-BP-008	Total/NA	Water	3510C	
480-209014-9	WG-11209162-051823-BP-009	Total/NA	Water	3510C	
480-209014-10	WG-11209162-051823-BP-010	Total/NA	Water	3510C	
480-209014-11	WG-11209162-051823-BP-011	Total/NA	Water	3510C	
MB 480-670220/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-670220/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-209014-5 MS	SW-11209162-051723-BP-005	Total/NA	Water	3510C	
480-209014-5 MSD	SW-11209162-051723-BP-005	Total/NA	Water	3510C	

Analysis Batch: 670377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209014-1	WG-11209162-051723-BP-001	Total/NA	Water	8270D	670220
480-209014-2	WG-11209162-051723-BP-002	Total/NA	Water	8270D	670220
480-209014-3	WG-11209162-051723-BP-003	Total/NA	Water	8270D	670220
480-209014-4	WG-11209162-051723-BP-004	Total/NA	Water	8270D	670220
480-209014-5	SW-11209162-051723-BP-005	Total/NA	Water	8270D	670220
480-209014-6	SW-11209162-051723-BP-006	Total/NA	Water	8270D	670220
480-209014-7	SW-11209162-051723-BP-007	Total/NA	Water	8270D	670220
480-209014-8	WG-11209162-051723-BP-008	Total/NA	Water	8270D	670220
480-209014-9	WG-11209162-051823-BP-009	Total/NA	Water	8270D	670220
MB 480-670220/1-A	Method Blank	Total/NA	Water	8270D	670220
LCS 480-670220/2-A	Lab Control Sample	Total/NA	Water	8270D	670220
480-209014-5 MS	SW-11209162-051723-BP-005	Total/NA	Water	8270D	670220

GC/MS Semi VOA (Continued)

Analysis Batch: 670377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209014-5 MSD	SW-11209162-051723-BP-005	Total/NA	Water	8270D	670220

Analysis Batch: 670381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209014-10	WG-11209162-051823-BP-010	Total/NA	Water	8270D	670220
480-209014-11	WG-11209162-051823-BP-011	Total/NA	Water	8270D	670220

Lab Chronicle

Client: NPEC - Sterling
Job ID: 480-209014-1
Project/Site: Annual GW Sampling 2023

Client Sample ID: WG-11209162-051723-BP-001
Lab Sample ID: 480-209014-1
Date Collected: 05/17/23 08:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 11:33
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/22/23 22:48

Client Sample ID: WG-11209162-051723-BP-002
Lab Sample ID: 480-209014-2
Date Collected: 05/17/23 09:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 11:55
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/22/23 23:15

Client Sample ID: WG-11209162-051723-BP-003
Lab Sample ID: 480-209014-3
Date Collected: 05/17/23 11:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 12:19
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/22/23 23:43

Client Sample ID: WG-11209162-051723-BP-004
Lab Sample ID: 480-209014-4
Date Collected: 05/17/23 12:30
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 12:43
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/23/23 00:10

Client Sample ID: SW-11209162-051723-BP-005
Lab Sample ID: 480-209014-5
Date Collected: 05/17/23 13:30
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	670314	CR	EET BUF	05/22/23 13:06
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/22/23 20:58

Client Sample ID: SW-11209162-051723-BP-006
Lab Sample ID: 480-209014-6
Date Collected: 05/17/23 15:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	670314	CR	EET BUF	05/22/23 13:28

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Client Sample ID: SW-11209162-051723-BP-006
Lab Sample ID: 480-209014-6
Date Collected: 05/17/23 15:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		5	670377	JMM	EET BUF	05/23/23 00:38

Client Sample ID: SW-11209162-051723-BP-007
Lab Sample ID: 480-209014-7
Date Collected: 05/17/23 15:10
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	670314	CR	EET BUF	05/22/23 13:51
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		5	670377	JMM	EET BUF	05/23/23 01:05

Client Sample ID: WG-11209162-051723-BP-008
Lab Sample ID: 480-209014-8
Date Collected: 05/17/23 17:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 14:13
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/23/23 01:32

Client Sample ID: WG-11209162-051823-BP-009
Lab Sample ID: 480-209014-9
Date Collected: 05/18/23 07:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	670314	CR	EET BUF	05/22/23 14:35
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670377	JMM	EET BUF	05/23/23 02:00

Client Sample ID: WG-11209162-051823-BP-010
Lab Sample ID: 480-209014-10
Date Collected: 05/18/23 08:30
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 14:57
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670381	JMM	EET BUF	05/23/23 05:12

Client Sample ID: WG-11209162-051823-BP-011
Lab Sample ID: 480-209014-11
Date Collected: 05/18/23 10:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 15:19

Lab Chronicle

Client: NPEC - Sterling
Job ID: 480-209014-1
Project/Site: Annual GW Sampling 2023

Client Sample ID: WG-11209162-051823-BP-011
Lab Sample ID: 480-209014-11
Date Collected: 05/18/23 10:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			670220	SJM	EET BUF	05/19/23 15:57
Total/NA	Analysis	8270D		1	670381	JMM	EET BUF	05/23/23 05:39

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-209014-12
Date Collected: 05/18/23 00:00
Matrix: Water
Date Received: 05/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	670314	CR	EET BUF	05/22/23 15:41

Laboratory References:

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

Accreditation/Certification Summary

Client: NPEC - Sterling
Job ID: 480-209014-1
Project/Site: Annual GW Sampling 2023

Laboratory: Eurofins 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	03-31-24

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: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: NPEC - Sterling
Project/Site: Annual GW Sampling 2023

Job ID: 480-209014-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209014-1	WG-11209162-051723-BP-001	Water	05/17/23 08:00	05/19/23 09:00
480-209014-2	WG-11209162-051723-BP-002	Water	05/17/23 09:00	05/19/23 09:00
480-209014-3	WG-11209162-051723-BP-003	Water	05/17/23 11:00	05/19/23 09:00
480-209014-4	WG-11209162-051723-BP-004	Water	05/17/23 12:30	05/19/23 09:00
480-209014-5	SW-11209162-051723-BP-005	Water	05/17/23 13:30	05/19/23 09:00
480-209014-6	SW-11209162-051723-BP-006	Water	05/17/23 15:00	05/19/23 09:00
480-209014-7	SW-11209162-051723-BP-007	Water	05/17/23 15:10	05/19/23 09:00
480-209014-8	WG-11209162-051723-BP-008	Water	05/17/23 17:00	05/19/23 09:00
480-209014-9	WG-11209162-051823-BP-009	Water	05/18/23 07:00	05/19/23 09:00
480-209014-10	WG-11209162-051823-BP-010	Water	05/18/23 08:30	05/19/23 09:00
480-209014-11	WG-11209162-051823-BP-011	Water	05/18/23 10:00	05/19/23 09:00
480-209014-12	TRIP BLANK	Water	05/18/23 00:00	05/19/23 09:00

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

Chain of Custody Record

Albany
#224

eurofins | Environment Testing

Client Information			
Client Contact: Kathleen Willy	Sampler: BK PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):
Company: GHD Services Inc.	Phone: 518-248-1970	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:
	PWSID:		COC No: 480-184712-33905.3
			Page: Page 3 of 3
			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: 585-588-7483(Tel)	PO #: 7100867239		
Email: kathleen.willy@ghd.com	WO #:		
Project Name: Sterling Site 3	Project #: 48003568		
Site: New York	SSOW#:		

Analysis Requested

480-209014 Chain of Custody

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Na2SO3
Na2S2O3
H2SO4
TSP Dodecahydrate
Acetone
MCAA
pH 4-5
Trizma
other (specify)
Other:

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 (SVOCs 7 TICs)	8260C - TCL VOCs + TICs (incl Ethyl ether) (VOCs)	8270D_SIM_MS_ID - 8270 SIM - 1,4-Dioxane (1,4-D)	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N		
WG-11209162-051723-BP-001	5/17/23	0800	G	Water			2	2		4	
002		0900		Water			2	2		4	
003		1100		Water			2	2		4	
004		1230		Water			2	2		4	
SW-11209162-051723-BP-005		1330		Water			4	4		8	MS/MSD done here
006		1500					2	2		4	
007		1510					2	2		4	
WG-11209162-051723-BP-008		1700					2	2		4	
WG-11209162-051823-BP-009	5/18/23	0700					2	2		4	
010		0830					2	2		4	
011		1000					2	2		4	

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: [signature] GHD	Date/Time: 5/18/23 1300	Company: GHD	Received by: [signature]	Date/Time: 5-18-23 1300	Company: EETN
Relinquished by: [signature]	Date/Time: 5-18-23 1700	Company: EETN	Received by: [signature]	Date/Time: 5/19/23 900	Company: TA
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: 3.8 # 1ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-209014-1

Login Number: 209014
List Number: 1
Creator: Sabuda, Brendan D

List Source: Eurofins 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	3.8 #1 ICE
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.	False	REFER TO NCM
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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Bryan Gallagher
NPEC - Sterling
1999 Lake Avenue
Rochester, New York 14650

Generated 6/9/2023 2:54:15 PM

JOB DESCRIPTION

Kodak Sterling Site #3

JOB NUMBER

480-209449-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
6/9/2023 2:54:15 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
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

Case Narrative

Client: NPEC - Sterling
Project/Site: Kodak Sterling Site #3

Job ID: 480-209449-1

Job ID: 480-209449-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-209449-1

Comments
No additional comments.

Receipt
The samples were received on 6/3/2023 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7º C.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

Detection Summary

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-001 — Lab Sample ID: 480-209449-1

No Detections.

Client Sample ID: WG-11209162053123-BP-002 — Lab Sample ID: 480-209449-2

No Detections.

Client Sample ID: WG-11209162053123-BP-003 — Lab Sample ID: 480-209449-3

No Detections.

Client Sample ID: WG-11209162053123-BP-004 — Lab Sample ID: 480-209449-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.4		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-11209162053123-BP-005 — Lab Sample ID: 480-209449-5

No Detections.

Client Sample ID: WG-11209162060123-BP-006 — Lab Sample ID: 480-209449-6

No Detections.

Client Sample ID: WG-11209162060123-BP-007 — Lab Sample ID: 480-209449-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.53		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-11209162060123-BP-008 — Lab Sample ID: 480-209449-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.3		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: WG-11209162060123-BP-009 — Lab Sample ID: 480-209449-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.58		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-001
Lab Sample ID: 480-209449-1
Date Collected: 05/31/23 08:00
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 18:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*06/05/23 15:44*	*06/07/23 18:09*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-002
Lab Sample ID: 480-209449-2
Date Collected: 05/31/23 09:30
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 18:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*15 - 110*	*06/05/23 15:44*	*06/07/23 18:31*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-003
Lab Sample ID: 480-209449-3
Date Collected: 05/31/23 12:00
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 13:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*15 - 110*	*06/05/23 15:44*	*06/07/23 13:39*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-004
Lab Sample ID: 480-209449-4
Date Collected: 05/31/23 13:30
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	3.4		0.20	0.10	ug/L		06/05/23 15:44	06/07/23 18:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*15 - 110*	*06/05/23 15:44*	*06/07/23 18:54*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162053123-BP-005
Lab Sample ID: 480-209449-5
Date Collected: 05/31/23 16:00
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 19:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*15 - 110*	*06/05/23 15:44*	*06/07/23 19:16*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162060123-BP-006
Lab Sample ID: 480-209449-6
Date Collected: 06/01/23 08:00
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 19:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*15 - 110*	*06/05/23 15:44*	*06/07/23 19:39*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162060123-BP-007
Lab Sample ID: 480-209449-7
Date Collected: 06/01/23 10:30
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.53		0.20	0.10	ug/L		06/05/23 15:44	06/07/23 20:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*15 - 110*	*06/05/23 15:44*	*06/07/23 20:02*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162060123-BP-008
Lab Sample ID: 480-209449-8
Date Collected: 06/01/23 12:30
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	3.3		0.20	0.10	ug/L		06/05/23 15:44	06/07/23 20:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*15 - 110*	*06/05/23 15:44*	*06/07/23 20:25*	*1*

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162060123-BP-009
Lab Sample ID: 480-209449-9
Date Collected: 06/01/23 11:00
Matrix: Water
Date Received: 06/03/23 11:30

Method: SW846 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	0.58		0.20	0.10	ug/L		06/05/23 15:44	06/07/23 20:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*15 - 110*	*06/05/23 15:44*	*06/07/23 20:48*	*1*

Isotope Dilution Summary

Client: NPEC - Sterling
Project/Site: Kodak Sterling Site #3

Job ID: 480-209449-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(15-110)						
480-209449-1	WG-11209162053123-BP-001	27						
480-209449-2	WG-11209162053123-BP-002	31						
480-209449-3	WG-11209162053123-BP-003	32						
480-209449-3 MS	WG-11209162053123-BP-003	32						
480-209449-3 MSD	WG-11209162053123-BP-003	31						
480-209449-4	WG-11209162053123-BP-004	36						
480-209449-5	WG-11209162053123-BP-005	36						
480-209449-6	WG-11209162060123-BP-006	32						
480-209449-7	WG-11209162060123-BP-007	39						
480-209449-8	WG-11209162060123-BP-008	32						
480-209449-9	WG-11209162060123-BP-009	29						
LCS 480-671937/2-A	Lab Control Sample	31						
MB 480-671937/1-A	Method Blank	27						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 480-671937/1-A
Matrix: Water
Analysis Batch: 672182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		06/05/23 15:44	06/07/23 12:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*06/05/23 15:44*	*06/07/23 12:09*	*1*

Lab Sample ID: LCS 480-671937/2-A
Matrix: Water
Analysis Batch: 672182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671937

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			2.00	2.27		ug/L		114	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*15 - 110*

Lab Sample ID: 480-209449-3 MS
Matrix: Water
Analysis Batch: 672182

Client Sample ID: WG-11209162053123-BP-003
Prep Type: Total/NA
Prep Batch: 671937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.20	U	2.00	2.34		ug/L		117	40 - 140		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*32*		*15 - 110*

Lab Sample ID: 480-209449-3 MSD
Matrix: Water
Analysis Batch: 672182

Client Sample ID: WG-11209162053123-BP-003
Prep Type: Total/NA
Prep Batch: 671937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.20	U	2.00	2.27		ug/L		114	40 - 140	3	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*15 - 110*

QC Association Summary

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

GC/MS Semi VOA

Prep Batch: 671937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209449-1	WG-11209162053123-BP-001	Total/NA	Water	3510C	
480-209449-2	WG-11209162053123-BP-002	Total/NA	Water	3510C	
480-209449-3	WG-11209162053123-BP-003	Total/NA	Water	3510C	
480-209449-4	WG-11209162053123-BP-004	Total/NA	Water	3510C	
480-209449-5	WG-11209162053123-BP-005	Total/NA	Water	3510C	
480-209449-6	WG-11209162060123-BP-006	Total/NA	Water	3510C	
480-209449-7	WG-11209162060123-BP-007	Total/NA	Water	3510C	
480-209449-8	WG-11209162060123-BP-008	Total/NA	Water	3510C	
480-209449-9	WG-11209162060123-BP-009	Total/NA	Water	3510C	
MB 480-671937/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-671937/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-209449-3 MS	WG-11209162053123-BP-003	Total/NA	Water	3510C	
480-209449-3 MSD	WG-11209162053123-BP-003	Total/NA	Water	3510C	

Analysis Batch: 672182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209449-1	WG-11209162053123-BP-001	Total/NA	Water	8270D SIM ID	671937
480-209449-2	WG-11209162053123-BP-002	Total/NA	Water	8270D SIM ID	671937
480-209449-3	WG-11209162053123-BP-003	Total/NA	Water	8270D SIM ID	671937
480-209449-4	WG-11209162053123-BP-004	Total/NA	Water	8270D SIM ID	671937
480-209449-5	WG-11209162053123-BP-005	Total/NA	Water	8270D SIM ID	671937
480-209449-6	WG-11209162060123-BP-006	Total/NA	Water	8270D SIM ID	671937
480-209449-7	WG-11209162060123-BP-007	Total/NA	Water	8270D SIM ID	671937
480-209449-8	WG-11209162060123-BP-008	Total/NA	Water	8270D SIM ID	671937
480-209449-9	WG-11209162060123-BP-009	Total/NA	Water	8270D SIM ID	671937
MB 480-671937/1-A	Method Blank	Total/NA	Water	8270D SIM ID	671937
LCS 480-671937/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	671937
480-209449-3 MS	WG-11209162053123-BP-003	Total/NA	Water	8270D SIM ID	671937
480-209449-3 MSD	WG-11209162053123-BP-003	Total/NA	Water	8270D SIM ID	671937

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Kodak Sterling Site #3

Job ID: 480-209449-1

Client Sample ID: WG-11209162053123-BP-001
Lab Sample ID: 480-209449-1
Date Collected: 05/31/23 08:00
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 18:09

Client Sample ID: WG-11209162053123-BP-002
Lab Sample ID: 480-209449-2
Date Collected: 05/31/23 09:30
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 18:31

Client Sample ID: WG-11209162053123-BP-003
Lab Sample ID: 480-209449-3
Date Collected: 05/31/23 12:00
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 13:39

Client Sample ID: WG-11209162053123-BP-004
Lab Sample ID: 480-209449-4
Date Collected: 05/31/23 13:30
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 18:54

Client Sample ID: WG-11209162053123-BP-005
Lab Sample ID: 480-209449-5
Date Collected: 05/31/23 16:00
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 19:16

Client Sample ID: WG-11209162060123-BP-006
Lab Sample ID: 480-209449-6
Date Collected: 06/01/23 08:00
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 19:39

Lab Chronicle

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Client Sample ID: WG-11209162060123-BP-007
Lab Sample ID: 480-209449-7

Date Collected: 06/01/23 10:30
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 20:02

Client Sample ID: WG-11209162060123-BP-008
Lab Sample ID: 480-209449-8

Date Collected: 06/01/23 12:30
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 20:25

Client Sample ID: WG-11209162060123-BP-009
Lab Sample ID: 480-209449-9

Date Collected: 06/01/23 11:00
Matrix: Water
Date Received: 06/03/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			671937	SJM	EET BUF	06/05/23 15:44
Total/NA	Analysis	8270D SIM ID		1	672182	JMM	EET BUF	06/07/23 20:48

Laboratory References:

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

Accreditation/Certification Summary

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

Method Summary

Client: NPEC - Sterling
Project/Site: Kodak Sterling Site #3

Job ID: 480-209449-1

Method	Method Description	Protocol	Laboratory
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: NPEC - Sterling
Job ID: 480-209449-1
Project/Site: Kodak Sterling Site #3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209449-1	WG-11209162053123-BP-001	Water	05/31/23 08:00	06/03/23 11:30
480-209449-2	WG-11209162053123-BP-002	Water	05/31/23 09:30	06/03/23 11:30
480-209449-3	WG-11209162053123-BP-003	Water	05/31/23 12:00	06/03/23 11:30
480-209449-4	WG-11209162053123-BP-004	Water	05/31/23 13:30	06/03/23 11:30
480-209449-5	WG-11209162053123-BP-005	Water	05/31/23 16:00	06/03/23 11:30
480-209449-6	WG-11209162060123-BP-006	Water	06/01/23 08:00	06/03/23 11:30
480-209449-7	WG-11209162060123-BP-007	Water	06/01/23 10:30	06/03/23 11:30
480-209449-8	WG-11209162060123-BP-008	Water	06/01/23 12:30	06/03/23 11:30
480-209449-9	WG-11209162060123-BP-009	Water	06/01/23 11:00	06/03/23 11:30

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

Chain of Custody Record

Albany #224

eurofins | Environment Testing

Client Information	Sampler: BK Pickert	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-184712-33905.1
Client Contact: Kathleen Willy	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3 (BKP) 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: 585-588-7483(Tel)	PO #: 7100867239			
Email: kathleen.willy@ghd.com	WO #:			
Project Name: Sterling Site 3	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

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 VOCs + TICs	8260C - TCL VOCs + TICs (incl Ethyl ether)	8270D_SIM_MS_ID - 8270 SIM - 1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
WG-1209162-053123-BT-001	5/31/23	0800	G	Water					1		
002		0930		Water					1		
003		1200		Water					1		
004		1330		Water					1		
005		1600		Water					1		
WG-1209162-060123-BT-006	6/1/23	0800		Water					1		
007		1030		Water					1		
008		1230		Water					1		
009		1100		Water					1		
				Water							
				Water							

480-209449 Chain of Custody

Preservation Codes:

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

Other:

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: 6/2/23 1300	Company: GHD	Received by: Tim Vanderlinden	Date/Time: 6-2-23 1300	Company: EETN Albany
Relinquished by:	Date/Time: 6-3-23 1700	Company: EETN	Received by: C Wallace	Date/Time: 6/3/23 11:30	Company: 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: #1 2.7

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-209449-1

Login Number: 209449

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

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.	N/A	
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	