



Field & Technical Services

200 Third Avenue ♦ Carnegie, PA 15106 ♦ Phone: 412-429-2694 ♦ Fax: 412-279-4512

November 29, 2021

Mr. John Sager
Wisconsin Department of Natural Resources
1701 N. 4th Street
Superior, WI 54880

**RE: Second Semi-Annual 2021 RCRA Groundwater Monitoring Results
Former Koppers Inc. Superior, Wisconsin Facility
WID 006 179 493**

Dear Mr. Sager:

On behalf of Beazer East, Inc. (Beazer), Field & Technical Services, LLC (FTS) is submitting to the Wisconsin Department of Natural Resources (WDNR) the Second Semi-Annual 2021 Resource Conservation and Recovery Act (RCRA) Groundwater Monitoring Results for the referenced facility. Appendix A includes one copy of the groundwater monitoring data certification for the subject groundwater monitoring event.

BACKGROUND

Monitoring wells in the vicinity of the closed surface impoundments were sampled and analyzed in accordance with the following documents:

- The Conditional Closure and Long-Term Care Plan Approval (WDNR, October 1, 1987);
- Long-Term Care Plan Approval Modification (October 29, 2002);
- Groundwater Monitoring Sampling and Analysis Plan (April 2002); and
- Wisconsin Administrative Code Chapter NR 664 subchapter (F) formerly NR 635).

The wells that comprise the currently approved RCRA monitoring well network for the closed surface impoundments are as follows:

W-04AR2	W-06A	W-06C	W-10AR2	W-12A
W-12CR	W-28C	W-30A	W-30C	

Groundwater samples were collected and analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) from monitoring wells W-04AR2, W-06A, W-06C, W-10AR2, W-12A, W-12CR, W-28C, W-30A, and W-30C during the second semi-annual 2021 event.

In addition to these wells, a groundwater sample was collected and analyzed for SVOCs from monitoring well W-18D in conjunction with this monitoring event. Well W-18D is not a required component of the approved monitoring program, but was sampled at Beazer's discretion above and beyond the requirements of the program.

The locations of the wells included in the groundwater monitoring program are shown on Figure B-1, provided in Appendix B. The subject sampling event was conducted from October 4, 2021 through October 6, 2021. The sampling effort was led by Ms. Kelsey Mandus, FTS Field Technician.

In accordance with the documents listed above, the following items are included in this report:

- One signed copy of the Groundwater Monitoring Data Certification Statement (Appendix A);
- Well location map (Appendix B);
- Summary of detected constituents and Preventive Action Limit (PAL), Enforcement Standard (ES), and Maximum Contaminant Level (MCL) exceedances (Table 1 of Appendix C);
- Summary of analytical data (Table 2 of Appendix C);
- Data Evaluation Summary (Appendix D);
- An electronic version of the laboratory analytical data, including trip blank, equipment blank, and field duplicate results (Appendix E); and
- An electronic version of the ASCII formatted data (Appendix F).

SUMMARY OF ANALYTICAL RESULTS

The detected constituents are summarized and compared to the PALs, ESs, and MCLs in Table 1 of Appendix C. Table 2 in Appendix C summarizes all laboratory analytical data. As indicated in Table 1 of Appendix C, exceedances of the PALs, ESs, and MCLs were noted for the following parameters and wells:

Parameter	Regulatory Standard (ug/L)	Wells
MCL Exceedance		
Benzene	5	W-10AR2, W-30A
Benzo(a)pyrene	0.2	W-04AR2
ES Exceedance		
Benzene	5	W-10AR2, W-30A
Benzo(a)pyrene	0.2	W-04AR2
Benzo(b)fluoranthene	0.2	W-04AR2
Chrysene	0.2	W-04AR2, W-10AR
Naphthalene	100	W-30A
PAL Exceedance		
Benzene	0.5	W-10AR2, W-30A
Benzo(a)pyrene	0.02	W-04AR2
Benzo(b)fluoranthene	0.02	W-04AR2, W-30A
Chrysene	0.02	W-04AR2, W-10AR2, W-30A
Naphthalene	10	W-30A
Pentachlorophenol	0.1	W-18D

Based on these results, four wells (W-04AR2, W-10AR2, W-30A, and W-18D) had concentrations of one or more constituents above a regulatory standard. The Groundwater Monitoring Data Certification form, provided as Appendix A, indicates that some of the data associated with the second semi-annual 2021 sampling event exceeded the Wisconsin PALs and ESs.

The data evaluation performed by FTS for the second semi-annual 2021 sampling event (Appendix D) indicated that the data quality was acceptable and no qualification was necessary.

In general, the groundwater standard exceedances should continue to be viewed in light of the ongoing Site-wide RCRA corrective action program and the approved natural attenuation remedy for groundwater. Therefore, in reviewing the second semi-annual 2021 data in reference to NR 140.24 and NR 140.26, no additional action beyond continued monitoring is necessary.

If you should have any questions regarding this correspondence, please do not hesitate to contact Ms. Jane Patarcity of Beazer at 412-208-8813 or Ms. Angela Gatchie of FTS at 412-428-9411.

Sincerely,

Field & Technical Services LLC



Angela Gatchie
Project Scientist

Attachments (Original Report and electronic copy)

cc: J. Patarcity, Beazer (electronic copy only)
B. Tatsch, Koppers (electronic copy only)
D. Bessingpas, ARCADIS (.pdf transmittal)
D. Coenen, WDNR
GEMS Database, WDNR
T. Peterson, TRP Properties, LLC

APPENDIX A
GROUNDWATER MONITORING DATA CERTIFICATION



Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5
Bureau of Waste Management
Wisconsin Department of Natural Resources
101 South Webster Street
Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):
Field & Technical Services, LLC

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Angela Gatchie Phone: (412) 428-9411
E-mail: agatchie.2006@f-ts.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Former Koppers, Inc. Facility	03046		October 4 - October 6, 2021

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)
October 2021

Type of Data Submitted (Check all that apply)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data |
| <input type="checkbox"/> Groundwater monitoring data from private water supply wells | <input type="checkbox"/> Air monitoring data |
| <input type="checkbox"/> Leachate monitoring data | <input type="checkbox"/> Other (specify) _____ |

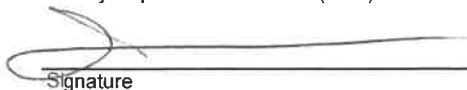
Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Jane Patarcity Manager, Environmental Svcs. (412) 208-8813
Facility Representative Name (Print) Title (Area Code) Telephone No.


Signature

11-24-21
Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

Found uploading problems on _____ Initials _____

Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): Diskette CD (initial submittal and follow-up) E-mail (follow-up only) Other _____

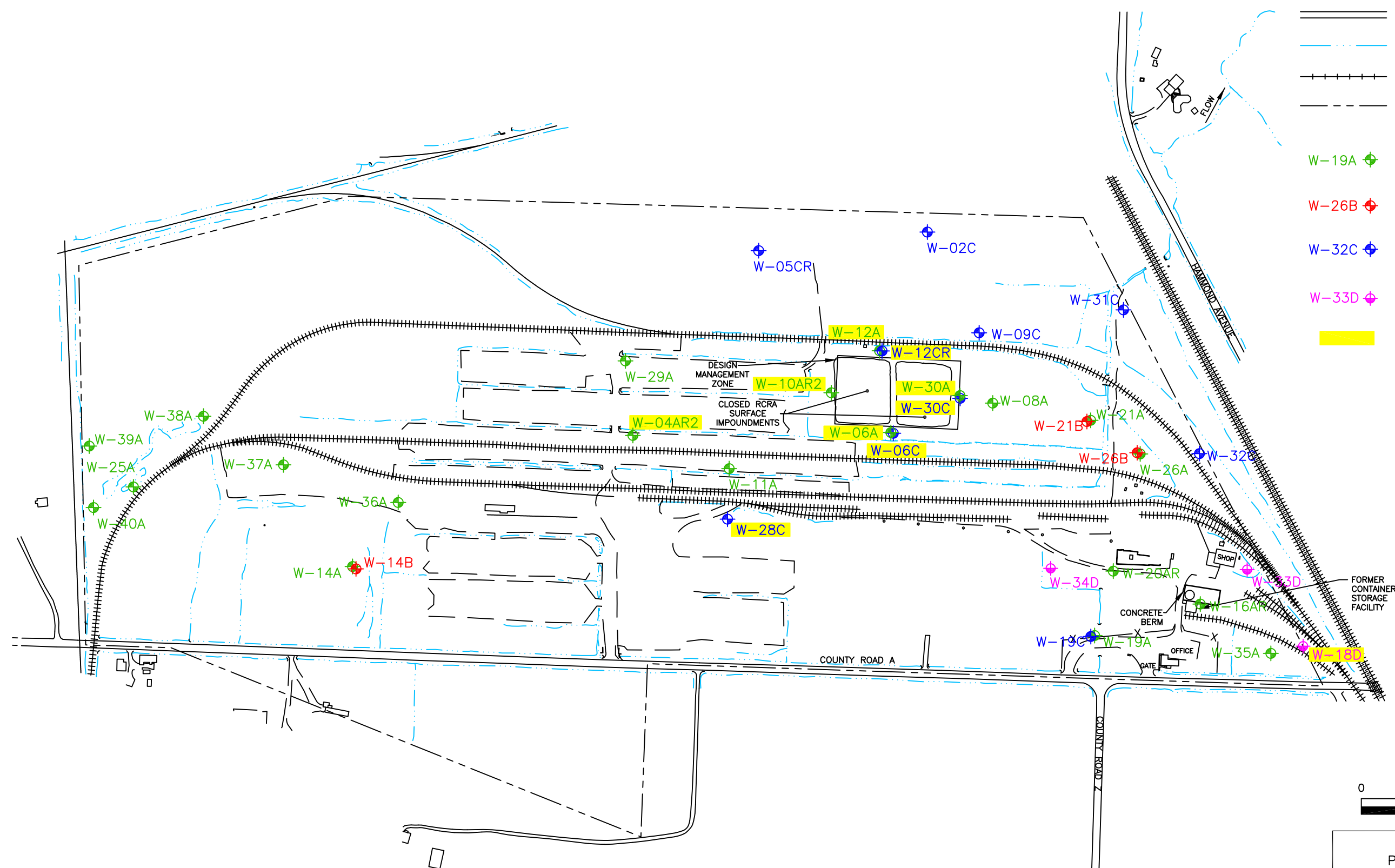
APPENDIX B
WELL LOCATION MAP





LEGEND

- ROAD
- STREAM OR DITCH
- RAILROAD TRACKS
- APPROXIMATE PROPERTY BOUNDARY
- W-19A A ZONE GROUNDWATER MONITORING WELL
- W-26B B ZONE GROUNDWATER MONITORING WELL
- W-32C C ZONE GROUNDWATER MONITORING WELL
- W-33D BEDROCK ZONE GROUNDWATER MONITORING WELL
- SAMPLED WELL LOCATION



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REV #	DATE	DESCRIPTION	APPD

REFERENCE: WISCONSIN STATE PLANE COORDINATE SYSTEM.

BEAZER EAST, INC. PITTSBURGH, PENNSYLVANIA		 FTS	FIELD & TECHNICAL SERVICES, LLC 200 THIRD AVENUE CARNEGIE, PA 15106	
DRWN: KLC	DATE: 04/28/21		FORMER KOPPERS INC. FACILITY SUPERIOR, WISCONSIN	
CHKD: AMG	DATE: 04/28/21		PROJECT NO: OM055621 DRAWING NUMBER	
APPD: JSZ	DATE: 05/19/21		WELL LOCATIONS	
SCALE: AS SHOWN	FIGURE B-1			
ISSUE DATE:				

APPENDIX C

TABLES



Table C-1
Summary of Detected Constituents
Second Semi-Annual 2021 Sampling Event
Superior Facility
Superior, Wisconsin

Location	Parameter	Results ug/L	PAL ug/L	ES ug/L	MCL ug/L
8270D LL					
W-10AR2	1-Methylnaphthalene	40	NA	NA	NA
W-30A	1-Methylnaphthalene	28	NA	NA	NA
W-12CR	2,4,6-Trichlorophenol	1.4 J	NA	NA	NA
W-10AR2	2-Methylnaphthalene	0.091 J	NA	NA	NA
W-30A	2-Methylnaphthalene	0.061 J	NA	NA	NA
W-10AR2	2-Methylphenol	0.25 J	NA	NA	NA
W-10AR2	Acenaphthene	120	NA	NA	NA
W-30A	Acenaphthene	73	NA	NA	NA
W-10AR2	Acenaphthylene	1.4	NA	NA	NA
W-30A	Acenaphthylene	0.73 J	NA	NA	NA
W-04AR2	Anthracene	2.1	600	3000	NA
W-10AR2	Anthracene	2.2	600	3000	NA
W-30A	Anthracene	1.4	600	3000	NA
W-04AR2	Benzo(a)anthracene	0.69	NA	NA	NA
W-10AR2	Benzo(a)anthracene	0.19	NA	NA	NA
W-30A	Benzo(a)anthracene	0.19	NA	NA	NA
W-04AR2	Benzo(a)pyrene	0.46	0.02	0.2	0.2
W-04AR2	Benzo(b)fluoranthene	1.3	0.02	0.2	NA
W-30A	Benzo(b)fluoranthene	0.094 J	0.02	0.2	NA
W-04AR2	Benzo(k)fluoranthene	0.5	NA	NA	NA
W-04AR2	Chrysene	1.9	0.02	0.2	NA
W-10AR2	Chrysene	0.26	0.02	0.2	NA
W-30A	Chrysene	0.17	0.02	0.2	NA
W-10AR2	Dibenzofuran	27	NA	NA	NA
W-30A	Dibenzofuran	31	NA	NA	NA
W-04AR2	Fluoranthene	5.7	80	400	NA
W-10AR2	Fluoranthene	3.8	80	400	NA
W-30A	Fluoranthene	3.3	80	400	NA
W-10AR2	Fluorene	28	80	400	NA
W-30A	Fluorene	24	80	400	NA
W-04AR2	Indeno(1,2,3-cd)pyrene	0.25	NA	NA	NA
W-18D	Pentachlorophenol	0.84 J	0.1	1	1
W-04AR2	Phenanthrene	0.61 J	NA	NA	NA
W-10AR2	Phenanthrene	0.52 J	NA	NA	NA
W-30A	Phenanthrene	9.1	NA	NA	NA
W-10AR2	Phenol	2.3 J	400	2000	NA
W-04AR2	Pyrene	3.9	50	250	NA
W-10AR2	Pyrene	2.3	50	250	NA
W-30A	Pyrene	1.9	50	250	NA

Table C-1
Summary of Detected Constituents
Second Semi-Annual 2021 Sampling Event
Superior Facility
Superior, Wisconsin

Location	Parameter	Results ug/L	PAL ug/L	ES ug/L	MCL ug/L
8260C					
W-10AR2	1,2,4-Trimethylbenzene	11	96*	480*	NA
W-30A	1,2,4-Trimethylbenzene	8.6	96*	480*	NA
W-10AR2	Benzene	26	0.5	5	5
W-30A	Benzene	18	0.5	5	5
W-10AR2	Ethylbenzene	53	140	700	700
W-30A	Ethylbenzene	38	140	700	700
W-10AR2	Naphthalene	3.1	10	100	NA
W-30A	Naphthalene	130	10	100	NA
W-10AR2	Toluene	3.7	160	800	1000
W-30A	Toluene	4.5	160	800	1000
W-10AR2	Xylene, Meta & Para	4.6	400**	2000**	10000**
W-30A	Xylene, Meta & Para	11	400**	2000**	10000**
W-10AR2	Xylene, Ortho	22	400**	2000**	10000**
W-30A	Xylene, Ortho	11	400**	2000**	10000**

Notes:

- Indicates the detected value exceeds one or more specified standards.

PAL - Preventative Action Limit

MCL - Maximum Contaminant Levels for drinking water

ES - Enforcement Standard

NA - Not available

J - Estimated

* - Total trimethylbenzene standard

** - Total xylene standard

Table C-2
Analytical Summary - Second Semi-Annual 2021 Groundwater Data
Second Semi-Annual 2021 Sampling Event
Superior Facility
Superior, Wisconsin

ANALYTE NAME	UNITS	W-04AR2 10/6/2021	W-06A 10/6/2021	W-06C 10/6/2021	W-10AR2 10/6/2021	W-12A 10/6/2021	W-12CR 10/6/2021	W-18D 10/6/2021	W-28C 10/6/2021	W-28C-DUP 10/6/2021	W-30A 10/6/2021	W-30C 10/6/2021	Equipment Blank 10/6/2021	Trip Blank 10/6/2021
8260C														
1,1,1-TRICHLOROETHANE	UG/L	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	NA	0.82 U	0.82 U	1.6 U	0.82 U	0.82 U	0.82 U
1,2,4-TRIMETHYLBENZENE	UG/L	0.75 U	0.75 U	0.75 U	11	0.75 U	0.75 U	NA	0.75 U	0.75 U	8.6	0.75 U	0.75 U	0.75 U
1,3,5-TRIMETHYLBENZENE	UG/L	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	NA	0.77 U	0.77 U	1.5 U	0.77 U	0.77 U	0.77 U
BENZENE	UG/L	0.41 U	0.41 U	0.41 U	26	0.41 U	0.41 U	NA	0.41 U	0.41 U	18	0.41 U	0.41 U	0.41 U
CHLOROMETHANE	UG/L	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	NA	0.35 U	0.35 U	0.7 U	0.35 U	0.35 U	0.37 J
ETHYLBENZENE	UG/L	0.74 U	0.74 U	0.74 U	53	0.74 U	0.74 U	NA	0.74 U	0.74 U	38	0.74 U	0.74 U	0.74 U
METHYL(TERT)BUTYL ETHER	UG/L	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	NA	0.16 U	0.16 U	0.32 U	0.16 U	0.16 U	0.16 U
NAPHTHALENE	UG/L	0.43 U	0.43 U	0.43 U	3.1	0.43 U	0.43 U	NA	0.43 U	0.43 U	130	0.43 U	0.43 U	0.43 U
N-BUTYLBENZENE	UG/L	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	NA	0.64 U	0.64 U	1.3 U	0.64 U	0.64 U	0.64 U
N-PROPYLBENZENE	UG/L	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	NA	0.69 U	0.69 U	1.4 U	0.69 U	0.69 U	0.69 U
STYRENE	UG/L	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	NA	0.73 U	0.73 U	1.5 U	0.73 U	0.73 U	0.73 U
TOLUENE	UG/L	0.51 U	0.51 U	0.51 U	3.7	0.51 U	0.51 U	NA	0.51 U	0.51 U	4.5	0.51 U	0.51 U	0.51 U
XYLENE, META & PARA	UG/L	0.66 U	0.66 U	0.66 U	4.6	0.66 U	0.66 U	NA	0.66 U	0.66 U	11	0.66 U	0.66 U	0.66 U
O-XYLENE	UG/L	0.76 U	0.76 U	0.76 U	22	0.76 U	0.76 U	NA	0.76 U	0.76 U	11	0.76 U	0.76 U	0.76 U
8270D LL														
1,2,4-TRICHLOROBENZENE	UG/L	0.2 U	0.19 U	0.19 U	0.19 U	0.17 U	0.19 U	0.21 U	0.2 U	0.22 U	0.19 U	0.18 U	0.18 U	NA
1,2-DICHLOROBENZENE	UG/L	0.21 U	0.2 U	0.2 U	0.2 U	0.18 U	0.19 U	0.21 U	0.2 U	0.23 U	0.2 U	0.19 U	0.18 U	NA
1,3-DICHLOROBENZENE	UG/L	0.18 U	0.17 U	0.17 U	0.17 U	0.15 U	0.17 U	0.18 U	0.17 U	0.19 U	0.17 U	0.16 U	0.15 U	NA
1,4-DICHLOROBENZENE	UG/L	0.18 U	0.17 U	0.17 U	0.17 U	0.15 U	0.17 U	0.18 U	0.17 U	0.19 U	0.17 U	0.16 U	0.15 U	NA
1-METHYLNAPHTHALENE	UG/L	0.26 U	0.24 U	0.24 U	40	0.22 U	0.24 U	0.26 U	0.25 U	0.28 U	28	0.23 U	0.22 U	NA
2,3,4,6-TETRACHLOROPHENOL	UG/L	0.64 U	0.61 U	0.6 U	0.61 U	0.55 U	0.59 U	0.65 U	0.62 U	0.69 U	0.6 U	0.57 U	0.55 U	NA
2,3,5,6-TETRACHLOROPHENOL	UG/L	3.3 U	3.1 U	3.1 U	3.1 U	2.8 U	3 U	3.3 U	3.2 U	3.5 U	3.1 U	2.9 U	2.8 U	NA
2,4,5-TRICHLOROPHENOL	UG/L	2.2 U	2.1 U	2 U	2.1 U	1.9 U	2 U	2.2 U	2.1 U	2.4 U	2.1 U	2 U	1.9 U	NA
2,4,6-TRICHLOROPHENOL	UG/L	0.61 U	0.58 U	0.57 U	0.59 U	0.53 U	1.4 J	0.62 U	0.59 U	0.66 U	0.58 U	0.55 U	0.53 U	NA
2,4-DICHLOROPHENOL	UG/L	2.2 U	2.1 U	2.1 U	2.1 U	1.9 U	2.1 U	2.3 U	2.2 U	2.4 U	2.1 U	2 U	1.9 U	NA
2,4-DIMETHYLPHENOL	UG/L	1.5 U	1.5 U	1.4 U	1.5 U	1.3 U	1.4 U	1.6 U	1.5 U	1.7 U	1.5 U	1.4 U	1.3 U	NA
2,4-DINITROPHENOL	UG/L	7.4 U	7 U	6.9 U	7 U	6.3 U	6.8 U	7.5 U	7.1 U	7.9 U	6.9 U	6.6 U	6.4 U	NA
2,4-DINITROTOLUENE	UG/L	0.21 U	0.2 U	0.2 U	0.2 U	0.18 U	0.19 U	0.21 U	0.2 U	0.23 U	0.2 U	0.19 U	0.18 U	NA
2,6-DINITROTOLUENE	UG/L	0.063 U	0.06 U	0.059 U	0.06 U	0.054 U	0.058 U	0.064 U	0.061 U	0.068 U	0.06 U	0.056 U	0.055 U	NA
2-CHLORONAPHTHALENE	UG/L	0.2 U	0.19 U	0.19 U	0.19 U	0.17 U	0.19 U	0.2 U	0.19 U	0.22 U	0.19 U	0.18 U	0.17 U	NA
2-CHLOROPHENOL	UG/L	0.48 U	0.45 U	0.45 U	0.46 U	0.41 U	0.44 U	0.49 U	0.46 U	0.51 U	0.45 U	0.43 U	0.41 U	NA
2-METHYLNAPHTHALENE	UG/L	0.056 U	0.053 U	0.052 U	0.091 J	0.048 U	0.051 U	0.057 U	0.054 U	0.06 U	0.061 J	0.05 U	0.048 U	NA
2-METHYLPHENOL	UG/L	0.26 U	0.25 U	0.24 U	0.25 J	0.22 U	0.24 U	0.27 U	0.25 U	0.28 U	0.25 U	0.23 U	0.23 U	NA
2-NITROANILINE	UG/L	1.1 U	1 U	1 U	1.1 U	0.95 U	1 U	1.1 U	1.1 U	1.2 U	1 U	0.99 U	0.95 U	NA
2-NITROPHENOL	UG/L	2.1 U	2 U	2 U	2 U	1.8 U	2 U	2.2 U	2.1 U	2.3 U	2 U	1.9 U	1.9 U	NA
3,3'-DICHLOROBENZIDINE	UG/L	1.5 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.5 U	1.4 U	1.6 U	1.4 U	1.3 U	1.3 U	NA
3-NITROANILINE	UG/L	1.5 U	1.5 U	1.4 U	1.5 U	1.3 U	1.4 U	1.6 U	1.5 U	1.6 U	1.4 U	1.4 U	1.3 U	NA
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.1 U	4.8 U	4.7 U	4.8 U	4.3 U	4.7 U	5.1 U	4.9 U	5.4 U	4.8 U	4.5 U	4.4 U	NA
4-BROMOPHENYL PHENYLETHER	UG/L	0.46 U	0.44 U	0.43 U	0.44 U	0.4 U	0.43 U	0.47 U	0.45 U	0.5 U	0.44 U	0.41 U	0.4 U	NA

Table C-2
Analytical Summary - Second Semi-Annual 2021 Groundwater Data
Second Semi-Annual 2021 Sampling Event
Superior Facility
Superior, Wisconsin

ANALYTE NAME	UNITS	W-04AR2 10/6/2021	W-06A 10/6/2021	W-06C 10/6/2021	W-10AR2 10/6/2021	W-12A 10/6/2021	W-12CR 10/6/2021	W-18D 10/6/2021	W-28C 10/6/2021	W-28C-DUP 10/6/2021	W-30A 10/6/2021	W-30C 10/6/2021	Equipment Blank 10/6/2021	Trip Blank 10/6/2021
4-CHLORO-3-METHYLPHENOL	UG/L	2 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	2 U	1.9 U	2.1 U	1.9 U	1.8 U	1.7 U	NA
4-CHLOROANILINE	UG/L	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.6 U	1.8 U	1.7 U	1.9 U	1.6 U	1.5 U	1.5 U	NA
4-CHLOROPHENYLPHENYL-ETHER	UG/L	0.54 U	0.52 U	0.51 U	0.52 U	0.47 U	0.5 U	0.55 U	0.53 U	0.58 U	0.51 U	0.49 U	0.47 U	NA
4-METHYLPHENOL	UG/L	0.38 U	0.36 U	0.36 U	0.37 U	0.33 U	0.35 U	0.39 U	0.37 U	0.41 U	0.36 U	0.34 U	0.33 U	NA
4-NITROANILINE	UG/L	1.4 U	1.4 U	1.3 U	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U	1.5 U	1.3 U	1.3 U	1.2 U	NA
4-NITROPHENOL	UG/L	6.4 U	6 U	5.9 U	6.1 U	5.5 U	5.9 U	6.5 U	6.2 U	6.8 U	6 U	5.7 U	5.5 U	NA
ACENAPHTHENE	UG/L	0.26 U	0.25 U	0.25 U	120	0.23 U	0.24 U	0.27 U	0.26 U	0.28 U	73	0.24 U	0.23 U	NA
ACENAPHTHYLENE	UG/L	0.23 U	0.22 U	0.21 U	1.4	0.2 U	0.21 U	0.23 U	0.22 U	0.25 U	0.73 J	0.2 U	0.2 U	NA
ANTHRACENE	UG/L	2.1	0.27 U	0.27 U	2.2	0.25 U	0.26 U	0.29 U	0.28 U	0.31 U	1.4	0.26 U	0.25 U	NA
BENZO (A) ANTHRACENE	UG/L	0.69	0.046 U	0.045 U	0.19	0.042 U	0.045 U	0.049 U	0.047 U	0.052 U	0.19	0.043 U	0.042 U	NA
BENZO (A) PYRENE	UG/L	0.46	0.08 U	0.079 U	0.081 U	0.073 U	0.078 U	0.086 U	0.082 U	0.091 U	0.08 U	0.076 U	0.073 U	NA
BENZO (B) FLUORANTHENE	UG/L	1.3	0.066 U	0.064 U	0.066 U	0.059 U	0.064 U	0.07 U	0.067 U	0.074 U	0.094 J	0.062 U	0.06 U	NA
BENZO (G,H,I) PERYLENE	UG/L	0.32 U	0.3 U	0.3 U	0.31 U	0.28 U	0.3 U	0.33 U	0.31 U	0.35 U	0.3 U	0.29 U	0.28 U	NA
BENZO (K) FLUORANTHENE	UG/L	0.5	0.052 U	0.051 U	0.052 U	0.047 U	0.051 U	0.056 U	0.053 U	0.059 U	0.052 U	0.049 U	0.047 U	NA
BENZOIC ACID	UG/L	4.9 U	4.7 U	4.6 U	4.7 U	4.2 U	4.6 U	5 U	4.8 U	5.3 U	4.7 U	4.4 U	4.3 U	NA
BENZYL ALCOHOL	UG/L	5.2 U	4.9 U	4.8 U	4.9 U	4.5 U	4.8 U	5.3 U	5 U	5.6 U	4.9 U	4.6 U	4.5 U	NA
BIS (2-CHLOROETHOXY)- METHANE	UG/L	0.24 U	0.23 U	0.23 U	0.23 U	0.21 U	0.22 U	0.25 U	0.24 U	0.26 U	0.23 U	0.22 U	0.21 U	NA
BIS (2-CHLOROETHYL) ETHER	UG/L	0.25 U	0.24 U	0.23 U	0.24 U	0.22 U	0.23 U	0.25 U	0.24 U	0.27 U	0.24 U	0.22 U	0.22 U	NA
BIS (2-CHLOROISOPROPYL)-ETHER	UG/L	0.33 U	0.31 U	0.3 U	0.31 U	0.28 U	0.3 U	0.33 U	0.32 U	0.35 U	0.31 U	0.29 U	0.28 U	NA
BIS (2-ETHYLHEXYL)- PHTHALATE	UG/L	1.5 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.5 U	1.4 U	1.6 U	1.4 U	1.3 U	1.3 U	NA
BUTYL BENZYL PHTHALATE	UG/L	0.41 U	0.39 U	0.38 U	0.39 U	0.35 U	0.38 U	0.42 U	0.4 U	0.44 U	0.39 U	0.37 U	0.36 U	NA
CHRYSENE	UG/L	1.9	0.055 U	0.054 U	0.26	0.05 U	0.054 U	0.059 U	0.056 U	0.063 U	0.17	0.052 U	0.051 U	NA
DIBENZO (A,H) ANTHRACENE	UG/L	0.044 U	0.041 U	0.04 U	0.041 U	0.037 U	0.04 U	0.044 U	0.042 U	0.047 U	0.041 U	0.039 U	0.038 U	NA
DIBENZOFURAN	UG/L	0.23 U	0.21 U	0.21 U	27	0.19 U	0.21 U	0.23 U	0.22 U	0.24 U	31	0.2 U	0.19 U	NA
DIETHYLPHTHALATE	UG/L	0.31 U	0.29 U	0.29 U	0.3 U	0.27 U	0.29 U	0.31 U	0.3 U	0.33 U	0.29 U	0.28 U	0.27 U	NA
DIMETHYLPHTHALATE	UG/L	0.27 U	0.25 U	0.25 U	0.26 U	0.23 U	0.25 U	0.27 U	0.26 U	0.29 U	0.25 U	0.24 U	0.23 U	NA
DI-N-BUTYLPHTHALATE	UG/L	0.63 U	0.59 U	0.58 U	0.6 U	0.54 U	0.58 U	0.64 U	0.61 U	0.67 U	0.59 U	0.56 U	0.54 U	NA
DI-N-OCTYLPHTHALATE	UG/L	0.9 U	0.85 U	0.84 U	0.86 U	0.77 U	0.83 U	0.91 U	0.87 U	0.97 U	0.85 U	0.8 U	0.78 U	NA
FLUORANTHENE	UG/L	5.7	0.37 U	0.36 U	3.8	0.33 U	0.36 U	0.39 U	0.38 U	0.42 U	3.3	0.35 U	0.34 U	NA
FLUORENE	UG/L	0.21 U	0.2 U	0.19 U	28	0.18 U	0.19 U	0.21 U	0.2 U	0.22 U	24	0.19 U	0.18 U	NA
HEXACHLOROBENZENE	UG/L	0.068 U	0.065 U	0.063 U	0.065 U	0.059 U	0.063 U	0.069 U	0.066 U	0.073 U	0.064 U	0.061 U	0.059 U	NA
HEXACHLOROBUTADIENE	UG/L	0.44 U	0.42 U	0.41 U	0.42 U	0.38 U	0.41 U	0.45 U	0.43 U	0.47 U	0.42 U	0.39 U	0.38 U	NA
HEXACHLOROCYCLOPENTADIENE	UG/L	5.5 U	5.2 U	5.1 U	5.2 U	4.7 U	5 U	5.5 U	5.3 U	5.9 U	5.1 U	4.9 U	4.7 U	NA
HEXACHLOROETHANE	UG/L	0.51 U	0.49 U	0.48 U	0.49 U	0.44 U	0.47 U	0.52 U	0.5 U	0.55 U	0.48 U	0.46 U	0.44 U	NA
INDENO (1,2,3-CD) PYRENE	UG/L	0.25	0.061 U	0.06 U	0.061 U	0.055 U	0.059 U	0.065 U	0.062 U	0.069 U	0.06 U	0.057 U	0.055 U	NA
ISOPHORONE	UG/L	0.32 U	0.3 U	0.3 U	0.31 U	0.28 U	0.3 U	0.33 U	0.31 U	0.35 U	0.3 U	0.29 U	0.28 U	NA
NAPHTHALENE	UG/L	NA	NA	NA	NA	NA	NA	0.27 U	NA	NA	NA	NA	NA	NA
NITROBENZENE	UG/L	0.38 U	0.36 U	0.36 U	0.37 U	0.33 U	0.35 U	0.39 U	0.37 U	0.41 U	0.36 U	0.34 U	0.33 U	NA
N-NITROSODI-N-PROPYLAMINE	UG/L	0.13 U	0.12 U	0.12 U	0.13 U	0.11 U	0.12 U	0.13 U	0.13 U	0.14 U	0.12 U	0.12 U	0.11 U	NA
N-NITROSO-DI-PHENYLAMINE	UG/L	0.32 U	0.3 U	0.3 U	0.3 U	0.27 U	0.29 U	0.32 U	0.31 U	0.34 U	0.3 U	0.28 U	0.27 U	NA
PENTACHLOROPHENOL	UG/L	1.7 U	0.35 U	0.33 U	1.8 U	0.35 U	0.33 U	0.84 J	0.36 U	0.37 U	3.4 U	0.35 U	0.33 U	NA
PHENANTHRENE	UG/L	0.61 J	0.24 U	0.24 U	0.52 J	0.22 U	0.24 U	0.26 U	0.25 U	0.28 U	9.1	0.23 U	0.22 U	NA
PHENOL	UG/L	0.58 U	0.55 U	0.54 U	2.3 J	0.49 U	0.53 U	0.58 U	0.56 U	0.62 U	0.54 U	0.51 U	0.5 U	NA
PYRENE	UG/L	3.9	0.35 U	0.34 U	2.3	0.31 U	0.34 U	0.37 U	0.35 U	0.39 U	1.9	0.33 U	0.32 U	NA

Notes:

- Bold values represent detections.
- DUP indicates duplicate sample.
- U indicates compound was not detected.
- J indicates an estimated value.
- NA indicates not analyzed.

APPENDIX D
DATA EVALUATION SUMMARY



FTS, LLC

DATE: October 20, 2021

FROM: Kendra Chintella

SUBJECT: Superior Groundwater

SAMPLE DELIVERY GROUP (SDG): 480-190738-1

SAMPLES: SUPE-W-18D-100621, SUPE-W-28C-100621, SUPE-EB-01-100621, SUPE-W-04AR2-100621, SUPE-W-30A-100621, SUPE-W-10AR2-100621, SUPE-TB-01-100621, SUPE-M-99A-100621(W-28C), SUPE-W-30C-100621, SUPE-W-06C-100621, SUPE-W-12CR-100621, SUPE-W-12A-100621, SUPE-W-06A-100621

ANALYSES: Method 8260C (VOCs), 8270D LL (Pentachlorophenol)

LABORATORY: Eurofins TestAmerica Laboratories, Buffalo

The data contained in this SDG were evaluated with regard to the following parameters:

- Data Completeness
Noncompliance: None
- Holding Times
Noncompliance: None
- Laboratory Blank Contamination
Noncompliance: None
- Field Blank Contamination
Noncompliance: Chloromethane was detected in the trip blank. See attached page for details.
- Field Duplicate Precision
Noncompliance: None
- Surrogate Recoveries
Noncompliance: The surrogate recovery of p-terphenyl-d14 fell below the recovery limits in samples W-04AR2, W-30A, W-12A, and W-06A. No action was taken on this basis.
- Matrix Spike/Matrix Spike Duplicate
Noncompliance: The MS/MSD recoveries of benzene, ethylbenzene, m&p-xylenes, styrene, and toluene were above the recovery limits. The MSD recovery of methyl tert-butyl ether fell below the recovery limits. The MS recovery of o-xylene was above the recovery limits. No action was taken on this basis.
- Laboratory Control Sample
Noncompliance: None

Field Blank Contamination:

The following analyte was detected in the aqueous trip blank, SUPE-TB-01-100621, at the following concentration:

<u>Analyte</u>	<u>Maximum Concentration</u>	<u>Blank Action Level</u>
Chloromethane	0.37 J ug/l	1.85 ug/l

An action level of 5X the maximum concentration was used to evaluate the sample data for field blank contamination. Associated samples with concentrations below the blank action level were qualified "U" for field blank contamination.

FTS, LLC

DATE: October 20, 2021

FROM: Kendra Chintella

SUBJECT: Superior Groundwater

SAMPLE DELIVERY GROUP (SDG): 500-206508-1

SAMPLES: SUPE-W-18D-100621, SUPE-W-28C-100621, SUPE-EB-01-100621, SUPE-W-04AR2-100621, SUPE-W-30A-100621, SUPE-W-10AR2-100621, SUPE-M-99A-100621(W-28C), SUPE-W-30C-100621, SUPE-W-06C-100621, SUPE-W-12CR-100621, SUPE-W-12A-100621, SUPE-W-06A-100621

ANALYSES: Method 8270D (SVOCs)

LABORATORY: Eurofins TestAmerica Laboratories, Chicago

The data contained in this SDG were evaluated with regard to the following parameters:

- Data Completeness
Noncompliance: None
- Holding Times
Noncompliance: None
- Laboratory Blank Contamination
Noncompliance: None
- Field Blank Contamination
Noncompliance: None
- Field Duplicate Precision
Noncompliance: None
- Surrogate Recoveries
Noncompliance: None
- Matrix Spike/Matrix Spike Duplicate
Noncompliance: None
- Laboratory Control Sample
Noncompliance: None

APPENDIX E
LABORATORY ANALYTICAL DATA



ANALYTICAL REPORT

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

Laboratory Job ID: 480-190738-1

Client Project/Site: Superior, WI Semiannual Groundwater

For:

Field & Technical Services LLC
200 Third Avenue
Carnegie, Pennsylvania 15106

Attn: Ms. Angie Gatchie



Authorized for release by:
10/15/2021 10:26:57 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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



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Definitions/Glossary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

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: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Job ID: 480-190738-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-190738-1

Comments

No additional comments.

Receipt

The samples were received on 10/8/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6° C, 2.8° C and 3.3° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: SUPE-W-30A-100621. Elevated reporting limits (RLs) are provided.

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 LL: The following samples were diluted due to the abundance of non-target analytes: SUPE-W-04AR2-100621, SUPE-W-30A-100621 and SUPE-W-10AR2-100621. Elevated reporting limits (RLs) are provided.

Method 8270D LL: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SUPE-W-04AR2-100621, SUPE-W-30A-100621, SUPE-W-12A-100621 and SUPE-W-06A-100621. These results have been reported and qualified.

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: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 480-190738-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pentachlorophenol	0.84	J	1.1	0.37	ug/L	1		8270D LL	Total/NA

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 480-190738-2

No Detections.

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 480-190738-3

No Detections.

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 480-190738-4

No Detections.

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 480-190738-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	8.6		2.0	1.5	ug/L	2		8260C	Total/NA
Benzene	18		2.0	0.82	ug/L	2		8260C	Total/NA
Ethylbenzene	38		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	11		4.0	1.3	ug/L	2		8260C	Total/NA
Naphthalene	130		2.0	0.86	ug/L	2		8260C	Total/NA
o-Xylene	11		2.0	1.5	ug/L	2		8260C	Total/NA
Toluene	4.5		2.0	1.0	ug/L	2		8260C	Total/NA
Xylenes, Total	22		4.0	1.3	ug/L	2		8260C	Total/NA

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 480-190738-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	11		1.0	0.75	ug/L	1		8260C	Total/NA
Benzene	26		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	53		1.0	0.74	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	4.6		2.0	0.66	ug/L	1		8260C	Total/NA
Naphthalene	3.1		1.0	0.43	ug/L	1		8260C	Total/NA
o-Xylene	22		1.0	0.76	ug/L	1		8260C	Total/NA
Toluene	3.7		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	27		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: SUPE-TB-01-100621

Lab Sample ID: 480-190738-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.37	J	1.0	0.35	ug/L	1		8260C	Total/NA

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 480-190738-8

No Detections.

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 480-190738-9

No Detections.

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 480-190738-10

No Detections.

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 480-190738-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 480-190738-12

No Detections.

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 480-190738-13

No Detections.

1

2

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15

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 480-190738-1

Date Collected: 10/06/21 09:27

Matrix: Water

Date Received: 10/08/21 10:00

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.84	J	1.1	0.37	ug/L		10/12/21 08:52	10/13/21 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	111		24 - 146				10/12/21 08:52	10/13/21 06:37	1
2-Fluorobiphenyl	92		37 - 120				10/12/21 08:52	10/13/21 06:37	1
2-Fluorophenol (Surr)	51		10 - 120				10/12/21 08:52	10/13/21 06:37	1
Nitrobenzene-d5 (Surr)	79		26 - 120				10/12/21 08:52	10/13/21 06:37	1
Phenol-d5 (Surr)	36		11 - 120				10/12/21 08:52	10/13/21 06:37	1
p-Terphenyl-d14	104		64 - 127				10/12/21 08:52	10/13/21 06:37	1

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 480-190738-2

Date Collected: 10/06/21 10:38

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 14:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 14:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 14:06	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 14:06	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 14:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 14:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 14:06	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 14:06	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 14:06	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 14:06	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 14:06	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 14:06	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 14:06	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 14:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					10/12/21 14:06	1
4-Bromofluorobenzene (Surr)	96		73 - 120					10/12/21 14:06	1
Dibromofluoromethane (Surr)	101		75 - 123					10/12/21 14:06	1
Toluene-d8 (Surr)	100		80 - 120					10/12/21 14:06	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1.1	0.36	ug/L		10/12/21 08:52	10/13/21 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	94		24 - 146				10/12/21 08:52	10/13/21 07:03	1
2-Fluorobiphenyl	100		37 - 120				10/12/21 08:52	10/13/21 07:03	1
2-Fluorophenol (Surr)	52		10 - 120				10/12/21 08:52	10/13/21 07:03	1
Nitrobenzene-d5 (Surr)	83		26 - 120				10/12/21 08:52	10/13/21 07:03	1
Phenol-d5 (Surr)	36		11 - 120				10/12/21 08:52	10/13/21 07:03	1
p-Terphenyl-d14	106		64 - 127				10/12/21 08:52	10/13/21 07:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 480-190738-3

Date Collected: 10/06/21 11:15

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 14:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 14:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 14:29	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 14:29	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 14:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 14:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 14:29	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 14:29	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 14:29	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 14:29	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 14:29	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 14:29	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 14:29	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 14:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					10/12/21 14:29	1
4-Bromofluorobenzene (Surr)	98		73 - 120					10/12/21 14:29	1
Dibromofluoromethane (Surr)	105		75 - 123					10/12/21 14:29	1
Toluene-d8 (Surr)	104		80 - 120					10/12/21 14:29	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.96	0.33	ug/L		10/12/21 08:52	10/13/21 07:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	101		24 - 146				10/12/21 08:52	10/13/21 07:29	1
2-Fluorobiphenyl	107		37 - 120				10/12/21 08:52	10/13/21 07:29	1
2-Fluorophenol (Surr)	56		10 - 120				10/12/21 08:52	10/13/21 07:29	1
Nitrobenzene-d5 (Surr)	93		26 - 120				10/12/21 08:52	10/13/21 07:29	1
Phenol-d5 (Surr)	38		11 - 120				10/12/21 08:52	10/13/21 07:29	1
p-Terphenyl-d14	120		64 - 127				10/12/21 08:52	10/13/21 07:29	1

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 480-190738-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 14:52	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 14:52	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 14:52	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 14:52	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 14:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 14:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 14:52	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 14:52	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 14:52	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 14:52	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 14:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 480-190738-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 14:52	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 14:52	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 14:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/12/21 14:52	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/12/21 14:52	1
Dibromofluoromethane (Surr)	100		75 - 123		10/12/21 14:52	1
Toluene-d8 (Surr)	103		80 - 120		10/12/21 14:52	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		5.0	1.7	ug/L		10/12/21 08:52	10/13/21 07:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		24 - 146	10/12/21 08:52	10/13/21 07:55	5
2-Fluorobiphenyl	102		37 - 120	10/12/21 08:52	10/13/21 07:55	5
2-Fluorophenol (Surr)	51		10 - 120	10/12/21 08:52	10/13/21 07:55	5
Nitrobenzene-d5 (Surr)	88		26 - 120	10/12/21 08:52	10/13/21 07:55	5
Phenol-d5 (Surr)	32		11 - 120	10/12/21 08:52	10/13/21 07:55	5
p-Terphenyl-d14	57	S1-	64 - 127	10/12/21 08:52	10/13/21 07:55	5

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 480-190738-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			10/12/21 15:16	2
1,2,4-Trimethylbenzene	8.6		2.0	1.5	ug/L			10/12/21 15:16	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			10/12/21 15:16	2
Benzene	18		2.0	0.82	ug/L			10/12/21 15:16	2
Chloromethane	ND		2.0	0.70	ug/L			10/12/21 15:16	2
Ethylbenzene	38		2.0	1.5	ug/L			10/12/21 15:16	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/12/21 15:16	2
m-Xylene & p-Xylene	11		4.0	1.3	ug/L			10/12/21 15:16	2
Naphthalene	130		2.0	0.86	ug/L			10/12/21 15:16	2
n-Butylbenzene	ND		2.0	1.3	ug/L			10/12/21 15:16	2
N-Propylbenzene	ND		2.0	1.4	ug/L			10/12/21 15:16	2
o-Xylene	11		2.0	1.5	ug/L			10/12/21 15:16	2
Styrene	ND		2.0	1.5	ug/L			10/12/21 15:16	2
Toluene	4.5		2.0	1.0	ug/L			10/12/21 15:16	2
Xylenes, Total	22		4.0	1.3	ug/L			10/12/21 15:16	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/12/21 15:16	2
4-Bromofluorobenzene (Surr)	100		73 - 120		10/12/21 15:16	2
Dibromofluoromethane (Surr)	101		75 - 123		10/12/21 15:16	2
Toluene-d8 (Surr)	103		80 - 120		10/12/21 15:16	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 480-190738-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:00

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10	3.4	ug/L		10/12/21 08:52	10/13/21 08:21	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		24 - 146				10/12/21 08:52	10/13/21 08:21	10
2-Fluorobiphenyl	102		37 - 120				10/12/21 08:52	10/13/21 08:21	10
2-Fluorophenol (Surr)	51		10 - 120				10/12/21 08:52	10/13/21 08:21	10
Nitrobenzene-d5 (Surr)	96		26 - 120				10/12/21 08:52	10/13/21 08:21	10
Phenol-d5 (Surr)	32		11 - 120				10/12/21 08:52	10/13/21 08:21	10
p-Terphenyl-d14	59	S1-	64 - 127				10/12/21 08:52	10/13/21 08:21	10

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 480-190738-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 15:39	1
1,2,4-Trimethylbenzene	11		1.0	0.75	ug/L			10/12/21 15:39	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 15:39	1
Benzene	26		1.0	0.41	ug/L			10/12/21 15:39	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 15:39	1
Ethylbenzene	53		1.0	0.74	ug/L			10/12/21 15:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 15:39	1
m-Xylene & p-Xylene	4.6		2.0	0.66	ug/L			10/12/21 15:39	1
Naphthalene	3.1		1.0	0.43	ug/L			10/12/21 15:39	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 15:39	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 15:39	1
o-Xylene	22		1.0	0.76	ug/L			10/12/21 15:39	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 15:39	1
Toluene	3.7		1.0	0.51	ug/L			10/12/21 15:39	1
Xylenes, Total	27		2.0	0.66	ug/L			10/12/21 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					10/12/21 15:39	1
4-Bromofluorobenzene (Surr)	102		73 - 120					10/12/21 15:39	1
Dibromofluoromethane (Surr)	99		75 - 123					10/12/21 15:39	1
Toluene-d8 (Surr)	102		80 - 120					10/12/21 15:39	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		5.3	1.8	ug/L		10/12/21 08:52	10/13/21 08:47	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	122		24 - 146				10/12/21 08:52	10/13/21 08:47	5
2-Fluorobiphenyl	105		37 - 120				10/12/21 08:52	10/13/21 08:47	5
2-Fluorophenol (Surr)	56		10 - 120				10/12/21 08:52	10/13/21 08:47	5
Nitrobenzene-d5 (Surr)	94		26 - 120				10/12/21 08:52	10/13/21 08:47	5
Phenol-d5 (Surr)	38		11 - 120				10/12/21 08:52	10/13/21 08:47	5
p-Terphenyl-d14	70		64 - 127				10/12/21 08:52	10/13/21 08:47	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-TB-01-100621

Lab Sample ID: 480-190738-7

Date Collected: 10/06/21 15:45

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 16:02	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 16:02	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 16:02	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 16:02	1
Chloromethane	0.37	J	1.0	0.35	ug/L			10/12/21 16:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 16:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 16:02	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 16:02	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 16:02	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 16:02	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 16:02	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 16:02	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 16:02	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 16:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					10/12/21 16:02	1
4-Bromofluorobenzene (Surr)	100		73 - 120					10/12/21 16:02	1
Dibromofluoromethane (Surr)	102		75 - 123					10/12/21 16:02	1
Toluene-d8 (Surr)	104		80 - 120					10/12/21 16:02	1

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 480-190738-8

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 16:25	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 16:25	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 16:25	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 16:25	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 16:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 16:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 16:25	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 16:25	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 16:25	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 16:25	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 16:25	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 16:25	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 16:25	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 16:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					10/12/21 16:25	1
4-Bromofluorobenzene (Surr)	98		73 - 120					10/12/21 16:25	1
Dibromofluoromethane (Surr)	102		75 - 123					10/12/21 16:25	1
Toluene-d8 (Surr)	103		80 - 120					10/12/21 16:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 480-190738-8

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:00

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1.1	0.37	ug/L		10/12/21 08:52	10/13/21 09:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	99		24 - 146				10/12/21 08:52	10/13/21 09:13	1
2-Fluorobiphenyl	101		37 - 120				10/12/21 08:52	10/13/21 09:13	1
2-Fluorophenol (Surr)	55		10 - 120				10/12/21 08:52	10/13/21 09:13	1
Nitrobenzene-d5 (Surr)	88		26 - 120				10/12/21 08:52	10/13/21 09:13	1
Phenol-d5 (Surr)	38		11 - 120				10/12/21 08:52	10/13/21 09:13	1
p-Terphenyl-d14	103		64 - 127				10/12/21 08:52	10/13/21 09:13	1

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 480-190738-9

Date Collected: 10/06/21 09:20

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 16:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 16:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 16:48	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 16:48	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 16:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 16:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 16:48	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 16:48	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 16:48	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 16:48	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 16:48	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 16:48	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 16:48	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 16:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					10/12/21 16:48	1
4-Bromofluorobenzene (Surr)	99		73 - 120					10/12/21 16:48	1
Dibromofluoromethane (Surr)	100		75 - 123					10/12/21 16:48	1
Toluene-d8 (Surr)	102		80 - 120					10/12/21 16:48	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1.0	0.35	ug/L		10/12/21 08:52	10/13/21 09:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	108		24 - 146				10/12/21 08:52	10/13/21 09:39	1
2-Fluorobiphenyl	111		37 - 120				10/12/21 08:52	10/13/21 09:39	1
2-Fluorophenol (Surr)	58		10 - 120				10/12/21 08:52	10/13/21 09:39	1
Nitrobenzene-d5 (Surr)	95		26 - 120				10/12/21 08:52	10/13/21 09:39	1
Phenol-d5 (Surr)	39		11 - 120				10/12/21 08:52	10/13/21 09:39	1
p-Terphenyl-d14	105		64 - 127				10/12/21 08:52	10/13/21 09:39	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 480-190738-10

Date Collected: 10/06/21 10:20

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 17:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 17:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 17:12	1
Benzene	ND	F1	1.0	0.41	ug/L			10/12/21 17:12	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 17:12	1
Ethylbenzene	ND	F1	1.0	0.74	ug/L			10/12/21 17:12	1
Methyl tert-butyl ether	ND	F1	1.0	0.16	ug/L			10/12/21 17:12	1
m-Xylene & p-Xylene	ND	F1	2.0	0.66	ug/L			10/12/21 17:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 17:12	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 17:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 17:12	1
o-Xylene	ND	F1	1.0	0.76	ug/L			10/12/21 17:12	1
Styrene	ND	F1	1.0	0.73	ug/L			10/12/21 17:12	1
Toluene	ND	F1	1.0	0.51	ug/L			10/12/21 17:12	1
Xylenes, Total	ND	F1	2.0	0.66	ug/L			10/12/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/12/21 17:12	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/12/21 17:12	1
Dibromofluoromethane (Surr)	101		75 - 123		10/12/21 17:12	1
Toluene-d8 (Surr)	104		80 - 120		10/12/21 17:12	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.97	0.33	ug/L		10/12/21 08:52	10/13/21 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	103		24 - 146	10/12/21 08:52	10/13/21 06:11	1
2-Fluorobiphenyl	101		37 - 120	10/12/21 08:52	10/13/21 06:11	1
2-Fluorophenol (Surr)	53		10 - 120	10/12/21 08:52	10/13/21 06:11	1
Nitrobenzene-d5 (Surr)	87		26 - 120	10/12/21 08:52	10/13/21 06:11	1
Phenol-d5 (Surr)	35		11 - 120	10/12/21 08:52	10/13/21 06:11	1
p-Terphenyl-d14	91		64 - 127	10/12/21 08:52	10/13/21 06:11	1

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 480-190738-11

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 17:36	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 17:36	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 17:36	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 17:36	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 17:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 17:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 17:36	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 17:36	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 17:36	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 17:36	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 17:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 480-190738-11

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 17:36	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 17:36	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 17:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/12/21 17:36	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/12/21 17:36	1
Dibromofluoromethane (Surr)	82		75 - 123		10/12/21 17:36	1
Toluene-d8 (Surr)	101		80 - 120		10/12/21 17:36	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.96	0.33	ug/L		10/12/21 08:52	10/13/21 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	111		24 - 146	10/12/21 08:52	10/13/21 10:05	1
2-Fluorobiphenyl	110		37 - 120	10/12/21 08:52	10/13/21 10:05	1
2-Fluorophenol (Surr)	56		10 - 120	10/12/21 08:52	10/13/21 10:05	1
Nitrobenzene-d5 (Surr)	93		26 - 120	10/12/21 08:52	10/13/21 10:05	1
Phenol-d5 (Surr)	37		11 - 120	10/12/21 08:52	10/13/21 10:05	1
p-Terphenyl-d14	110		64 - 127	10/12/21 08:52	10/13/21 10:05	1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 480-190738-12

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 18:00	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 18:00	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 18:00	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 18:00	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 18:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 18:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 18:00	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 18:00	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 18:00	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 18:00	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 18:00	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 18:00	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 18:00	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 18:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/12/21 18:00	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/12/21 18:00	1
Dibromofluoromethane (Surr)	100		75 - 123		10/12/21 18:00	1
Toluene-d8 (Surr)	103		80 - 120		10/12/21 18:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 480-190738-12

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:00

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1.0	0.35	ug/L		10/12/21 08:52	10/13/21 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	113		24 - 146				10/12/21 08:52	10/13/21 10:32	1
2-Fluorobiphenyl	108		37 - 120				10/12/21 08:52	10/13/21 10:32	1
2-Fluorophenol (Surr)	59		10 - 120				10/12/21 08:52	10/13/21 10:32	1
Nitrobenzene-d5 (Surr)	96		26 - 120				10/12/21 08:52	10/13/21 10:32	1
Phenol-d5 (Surr)	40		11 - 120				10/12/21 08:52	10/13/21 10:32	1
p-Terphenyl-d14	53	S1-	64 - 127				10/12/21 08:52	10/13/21 10:32	1

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 480-190738-13

Date Collected: 10/06/21 14:20

Matrix: Water

Date Received: 10/08/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 18:23	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 18:23	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 18:23	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 18:23	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 18:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 18:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 18:23	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 18:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 18:23	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 18:23	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 18:23	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 18:23	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 18:23	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 18:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					10/12/21 18:23	1
4-Bromofluorobenzene (Surr)	101		73 - 120					10/12/21 18:23	1
Dibromofluoromethane (Surr)	94		75 - 123					10/12/21 18:23	1
Toluene-d8 (Surr)	105		80 - 120					10/12/21 18:23	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1.0	0.35	ug/L		10/12/21 08:52	10/13/21 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		24 - 146				10/12/21 08:52	10/13/21 10:58	1
2-Fluorobiphenyl	95		37 - 120				10/12/21 08:52	10/13/21 10:58	1
2-Fluorophenol (Surr)	52		10 - 120				10/12/21 08:52	10/13/21 10:58	1
Nitrobenzene-d5 (Surr)	86		26 - 120				10/12/21 08:52	10/13/21 10:58	1
Phenol-d5 (Surr)	36		11 - 120				10/12/21 08:52	10/13/21 10:58	1
p-Terphenyl-d14	47	S1-	64 - 127				10/12/21 08:52	10/13/21 10:58	1

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-190738-2	SUPE-W-28C-100621	101	96	101	100
480-190738-3	SUPE-EB-01-100621	99	98	105	104
480-190738-4	SUPE-W-04AR2-100621	101	98	100	103
480-190738-5	SUPE-W-30A-100621	105	100	101	103
480-190738-6	SUPE-W-10AR2-100621	103	102	99	102
480-190738-7	SUPE-TB-01-100621	102	100	102	104
480-190738-8	SUPE-M-99A-100621	102	98	102	103
480-190738-9	SUPE-W-30C-100621	100	99	100	102
480-190738-10	SUPE-W-06C-100621	102	99	101	104
480-190738-10 MS	SUPE-W-06C-100621	100	107	102	109
480-190738-10 MSD	SUPE-W-06C-100621	100	106	100	107
480-190738-11	SUPE-W-12CR-100621	102	101	82	101
480-190738-12	SUPE-W-12A-100621	101	101	100	103
480-190738-13	SUPE-W-06A-100621	97	101	94	105
LCS 480-599985/6	Lab Control Sample	96	104	100	106
MB 480-599985/9	Method Blank	98	98	101	103

Surrogate Legend

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

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-146)	FBP (37-120)	2FP (10-120)	NBZ (26-120)	PHL (11-120)	TPHd14 (64-127)
480-190738-1	SUPE-W-18D-100621	111	92	51	79	36	104
480-190738-2	SUPE-W-28C-100621	94	100	52	83	36	106
480-190738-3	SUPE-EB-01-100621	101	107	56	93	38	120
480-190738-4	SUPE-W-04AR2-100621	93	102	51	88	32	57 S1-
480-190738-5	SUPE-W-30A-100621	115	102	51	96	32	59 S1-
480-190738-6	SUPE-W-10AR2-100621	122	105	56	94	38	70
480-190738-8	SUPE-M-99A-100621	99	101	55	88	38	103
480-190738-9	SUPE-W-30C-100621	108	111	58	95	39	105
480-190738-10	SUPE-W-06C-100621	103	101	53	87	35	91
480-190738-10 MS	SUPE-W-06C-100621	116	104	55	98	36	69
480-190738-10 MSD	SUPE-W-06C-100621	118	101	51	94	35	73
480-190738-11	SUPE-W-12CR-100621	111	110	56	93	37	110
480-190738-12	SUPE-W-12A-100621	113	108	59	96	40	53 S1-
480-190738-13	SUPE-W-06A-100621	102	95	52	86	36	47 S1-
LCS 480-599978/2-A	Lab Control Sample	115	96	49	84	33	109
MB 480-599978/1-A	Method Blank	97	100	56	88	38	117

Surrogate Legend

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

Surrogate Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Job ID: 480-190738-1

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QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

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

Lab Sample ID: MB 480-599985/9
Matrix: Water
Analysis Batch: 599985

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/21 13:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			10/12/21 13:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			10/12/21 13:12	1
Benzene	ND		1.0	0.41	ug/L			10/12/21 13:12	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/21 13:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/21 13:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/21 13:12	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/12/21 13:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/21 13:12	1
n-Butylbenzene	ND		1.0	0.64	ug/L			10/12/21 13:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			10/12/21 13:12	1
o-Xylene	ND		1.0	0.76	ug/L			10/12/21 13:12	1
Styrene	ND		1.0	0.73	ug/L			10/12/21 13:12	1
Toluene	ND		1.0	0.51	ug/L			10/12/21 13:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/21 13:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		10/12/21 13:12	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/12/21 13:12	1
Dibromofluoromethane (Surr)	101		75 - 123		10/12/21 13:12	1
Toluene-d8 (Surr)	103		80 - 120		10/12/21 13:12	1

Lab Sample ID: LCS 480-599985/6
Matrix: Water
Analysis Batch: 599985

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	25.0	24.6		ug/L		99	76 - 121
1,3,5-Trimethylbenzene	25.0	24.6		ug/L		99	77 - 121
Benzene	25.0	25.9		ug/L		103	71 - 124
Chloromethane	25.0	25.2		ug/L		101	68 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methyl tert-butyl ether	25.0	22.9		ug/L		92	77 - 120
m-Xylene & p-Xylene	25.0	26.8		ug/L		107	76 - 122
Naphthalene	25.0	22.5		ug/L		90	66 - 125
n-Butylbenzene	25.0	25.6		ug/L		102	71 - 128
N-Propylbenzene	25.0	25.4		ug/L		102	75 - 127
o-Xylene	25.0	26.0		ug/L		104	76 - 122
Styrene	25.0	27.3		ug/L		109	80 - 120
Toluene	25.0	26.7		ug/L		107	80 - 122
Xylenes, Total	50.0	52.8		ug/L		106	76 - 122

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	106		80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

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

Lab Sample ID: 480-190738-10 MS

Matrix: Water

Analysis Batch: 599985

Client Sample ID: SUPE-W-06C-100621

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	29.1		ug/L		116	73 - 126
1,2,4-Trimethylbenzene	ND		25.0	28.7		ug/L		115	76 - 121
1,3,5-Trimethylbenzene	ND		25.0	29.6		ug/L		119	77 - 121
Benzene	ND	F1	25.0	31.9	F1	ug/L		128	71 - 124
Chloromethane	ND		25.0	30.9		ug/L		124	68 - 124
Ethylbenzene	ND	F1	25.0	31.7	F1	ug/L		127	77 - 123
Methyl tert-butyl ether	ND	F1	25.0	26.8		ug/L		107	77 - 120
m-Xylene & p-Xylene	ND	F1	25.0	32.1	F1	ug/L		128	76 - 122
Naphthalene	ND		25.0	26.0		ug/L		104	66 - 125
n-Butylbenzene	ND		25.0	31.9		ug/L		128	71 - 128
N-Propylbenzene	ND		25.0	30.0		ug/L		120	75 - 127
o-Xylene	ND	F1	25.0	31.0	F1	ug/L		124	76 - 122
Styrene	ND	F1	25.0	31.2	F1	ug/L		125	80 - 120
Toluene	ND	F1	25.0	32.5	F1	ug/L		130	80 - 122
Xylenes, Total	ND	F1	50.0	63.1	F1	ug/L		126	76 - 122

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Dibromofluoromethane (Surr)	102		75 - 123
Toluene-d8 (Surr)	109		80 - 120

Lab Sample ID: 480-190738-10 MSD

Matrix: Water

Analysis Batch: 599985

Client Sample ID: SUPE-W-06C-100621

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	ND		25.0	27.9		ug/L		112	73 - 126	4	15
1,2,4-Trimethylbenzene	ND		25.0	28.2		ug/L		113	76 - 121	2	20
1,3,5-Trimethylbenzene	ND		25.0	28.9		ug/L		116	77 - 121	2	20
Benzene	ND	F1	25.0	31.1	F1	ug/L		125	71 - 124	3	13
Chloromethane	ND		25.0	30.0		ug/L		120	68 - 124	3	15
Ethylbenzene	ND	F1	25.0	31.8	F1	ug/L		127	77 - 123	0	15
Methyl tert-butyl ether	ND	F1	25.0	18.5	F1	ug/L		74	77 - 120	37	37
m-Xylene & p-Xylene	ND	F1	25.0	31.8	F1	ug/L		127	76 - 122	1	16
Naphthalene	ND		25.0	25.2		ug/L		101	66 - 125	3	20
n-Butylbenzene	ND		25.0	31.0		ug/L		124	71 - 128	3	15
N-Propylbenzene	ND		25.0	29.9		ug/L		120	75 - 127	0	15
o-Xylene	ND	F1	25.0	30.6		ug/L		122	76 - 122	1	16
Styrene	ND	F1	25.0	31.0	F1	ug/L		124	80 - 120	0	20
Toluene	ND	F1	25.0	31.9	F1	ug/L		128	80 - 122	2	15
Xylenes, Total	ND	F1	50.0	62.4	F1	ug/L		125	76 - 122	1	16

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	106		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	107		80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Lab Sample ID: MB 480-599978/1-A
Matrix: Water
Analysis Batch: 600125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599978

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pentachlorophenol	ND		1.0	0.34	ug/L		10/12/21 08:52	10/13/21 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		24 - 146				10/12/21 08:52	10/13/21 04:27	1
2-Fluorobiphenyl	100		37 - 120				10/12/21 08:52	10/13/21 04:27	1
2-Fluorophenol (Surr)	56		10 - 120				10/12/21 08:52	10/13/21 04:27	1
Nitrobenzene-d5 (Surr)	88		26 - 120				10/12/21 08:52	10/13/21 04:27	1
Phenol-d5 (Surr)	38		11 - 120				10/12/21 08:52	10/13/21 04:27	1
p-Terphenyl-d14	117		64 - 127				10/12/21 08:52	10/13/21 04:27	1

Lab Sample ID: LCS 480-599978/2-A
Matrix: Water
Analysis Batch: 600125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599978

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Pentachlorophenol	16.0	16.9		ug/L		106	10 - 131
Surrogate	%Recovery	Qualifier	Limits				
2,4,6-Tribromophenol (Surr)	115		24 - 146				
2-Fluorobiphenyl	96		37 - 120				
2-Fluorophenol (Surr)	49		10 - 120				
Nitrobenzene-d5 (Surr)	84		26 - 120				
Phenol-d5 (Surr)	33		11 - 120				
p-Terphenyl-d14	109		64 - 127				

Lab Sample ID: 480-190738-10 MS
Matrix: Water
Analysis Batch: 600125

Client Sample ID: SUPE-W-06C-100621
Prep Type: Total/NA
Prep Batch: 599978

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Pentachlorophenol	ND		15.5	16.6		ug/L		107	23 - 149
Surrogate	%Recovery	Qualifier	Limits						
2,4,6-Tribromophenol (Surr)	116		24 - 146						
2-Fluorobiphenyl	104		37 - 120						
2-Fluorophenol (Surr)	55		10 - 120						
Nitrobenzene-d5 (Surr)	98		26 - 120						
Phenol-d5 (Surr)	36		11 - 120						
p-Terphenyl-d14	69		64 - 127						

Lab Sample ID: 480-190738-10 MSD
Matrix: Water
Analysis Batch: 600125

Client Sample ID: SUPE-W-06C-100621
Prep Type: Total/NA
Prep Batch: 599978

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Pentachlorophenol	ND		15.7	16.9		ug/L		107	23 - 149	2	37

QC Sample Results

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 480-190738-10 MSD

Matrix: Water

Analysis Batch: 600125

Client Sample ID: SUPE-W-06C-100621

Prep Type: Total/NA

Prep Batch: 599978

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	118		24 - 146
2-Fluorobiphenyl	101		37 - 120
2-Fluorophenol (Surr)	51		10 - 120
Nitrobenzene-d5 (Surr)	94		26 - 120
Phenol-d5 (Surr)	35		11 - 120
p-Terphenyl-d14	73		64 - 127

QC Association Summary

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

GC/MS VOA

Analysis Batch: 599985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190738-2	SUPE-W-28C-100621	Total/NA	Water	8260C	
480-190738-3	SUPE-EB-01-100621	Total/NA	Water	8260C	
480-190738-4	SUPE-W-04AR2-100621	Total/NA	Water	8260C	
480-190738-5	SUPE-W-30A-100621	Total/NA	Water	8260C	
480-190738-6	SUPE-W-10AR2-100621	Total/NA	Water	8260C	
480-190738-7	SUPE-TB-01-100621	Total/NA	Water	8260C	
480-190738-8	SUPE-M-99A-100621	Total/NA	Water	8260C	
480-190738-9	SUPE-W-30C-100621	Total/NA	Water	8260C	
480-190738-10	SUPE-W-06C-100621	Total/NA	Water	8260C	
480-190738-11	SUPE-W-12CR-100621	Total/NA	Water	8260C	
480-190738-12	SUPE-W-12A-100621	Total/NA	Water	8260C	
480-190738-13	SUPE-W-06A-100621	Total/NA	Water	8260C	
MB 480-599985/9	Method Blank	Total/NA	Water	8260C	
LCS 480-599985/6	Lab Control Sample	Total/NA	Water	8260C	
480-190738-10 MS	SUPE-W-06C-100621	Total/NA	Water	8260C	
480-190738-10 MSD	SUPE-W-06C-100621	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 599978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190738-1	SUPE-W-18D-100621	Total/NA	Water	3510C	
480-190738-2	SUPE-W-28C-100621	Total/NA	Water	3510C	
480-190738-3	SUPE-EB-01-100621	Total/NA	Water	3510C	
480-190738-4	SUPE-W-04AR2-100621	Total/NA	Water	3510C	
480-190738-5	SUPE-W-30A-100621	Total/NA	Water	3510C	
480-190738-6	SUPE-W-10AR2-100621	Total/NA	Water	3510C	
480-190738-8	SUPE-M-99A-100621	Total/NA	Water	3510C	
480-190738-9	SUPE-W-30C-100621	Total/NA	Water	3510C	
480-190738-10	SUPE-W-06C-100621	Total/NA	Water	3510C	
480-190738-11	SUPE-W-12CR-100621	Total/NA	Water	3510C	
480-190738-12	SUPE-W-12A-100621	Total/NA	Water	3510C	
480-190738-13	SUPE-W-06A-100621	Total/NA	Water	3510C	
MB 480-599978/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-599978/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-190738-10 MS	SUPE-W-06C-100621	Total/NA	Water	3510C	
480-190738-10 MSD	SUPE-W-06C-100621	Total/NA	Water	3510C	

Analysis Batch: 600125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190738-1	SUPE-W-18D-100621	Total/NA	Water	8270D LL	599978
480-190738-2	SUPE-W-28C-100621	Total/NA	Water	8270D LL	599978
480-190738-3	SUPE-EB-01-100621	Total/NA	Water	8270D LL	599978
480-190738-4	SUPE-W-04AR2-100621	Total/NA	Water	8270D LL	599978
480-190738-5	SUPE-W-30A-100621	Total/NA	Water	8270D LL	599978
480-190738-6	SUPE-W-10AR2-100621	Total/NA	Water	8270D LL	599978
480-190738-8	SUPE-M-99A-100621	Total/NA	Water	8270D LL	599978
480-190738-9	SUPE-W-30C-100621	Total/NA	Water	8270D LL	599978
480-190738-10	SUPE-W-06C-100621	Total/NA	Water	8270D LL	599978
480-190738-11	SUPE-W-12CR-100621	Total/NA	Water	8270D LL	599978
480-190738-12	SUPE-W-12A-100621	Total/NA	Water	8270D LL	599978

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

GC/MS Semi VOA (Continued)

Analysis Batch: 600125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190738-13	SUPE-W-06A-100621	Total/NA	Water	8270D LL	599978
MB 480-599978/1-A	Method Blank	Total/NA	Water	8270D LL	599978
LCS 480-599978/2-A	Lab Control Sample	Total/NA	Water	8270D LL	599978
480-190738-10 MS	SUPE-W-06C-100621	Total/NA	Water	8270D LL	599978
480-190738-10 MSD	SUPE-W-06C-100621	Total/NA	Water	8270D LL	599978

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Lab Chronicle

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 480-190738-1

Date Collected: 10/06/21 09:27

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 06:37	PJQ	TAL BUF

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 480-190738-2

Date Collected: 10/06/21 10:38

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 14:06	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 07:03	PJQ	TAL BUF

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 480-190738-3

Date Collected: 10/06/21 11:15

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 14:29	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 07:29	PJQ	TAL BUF

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 480-190738-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 14:52	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		5	600125	10/13/21 07:55	PJQ	TAL BUF

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 480-190738-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	599985	10/12/21 15:16	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		10	600125	10/13/21 08:21	PJQ	TAL BUF

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 480-190738-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 15:39	CRL	TAL BUF

Lab Chronicle

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 480-190738-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		5	600125	10/13/21 08:47	PJQ	TAL BUF

Client Sample ID: SUPE-TB-01-100621

Lab Sample ID: 480-190738-7

Date Collected: 10/06/21 15:45

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 16:02	CRL	TAL BUF

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 480-190738-8

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 16:25	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 09:13	PJQ	TAL BUF

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 480-190738-9

Date Collected: 10/06/21 09:20

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 16:48	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 09:39	PJQ	TAL BUF

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 480-190738-10

Date Collected: 10/06/21 10:20

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 17:12	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 06:11	PJQ	TAL BUF

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 480-190738-11

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 17:36	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 10:05	PJQ	TAL BUF

Lab Chronicle

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 480-190738-12

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 18:00	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 10:32	PJQ	TAL BUF

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 480-190738-13

Date Collected: 10/06/21 14:20

Matrix: Water

Date Received: 10/08/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599985	10/12/21 18:23	CRL	TAL BUF
Total/NA	Prep	3510C			599978	10/12/21 08:52	JMP	TAL BUF
Total/NA	Analysis	8270D LL		1	600125	10/13/21 10:58	PJQ	TAL BUF

Laboratory References:

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



Accreditation/Certification Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998310390	08-31-22

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Method Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 480-190738-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-190738-1	SUPE-W-18D-100621	Water	10/06/21 09:27	10/08/21 10:00
480-190738-2	SUPE-W-28C-100621	Water	10/06/21 10:38	10/08/21 10:00
480-190738-3	SUPE-EB-01-100621	Water	10/06/21 11:15	10/08/21 10:00
480-190738-4	SUPE-W-04AR2-100621	Water	10/06/21 12:04	10/08/21 10:00
480-190738-5	SUPE-W-30A-100621	Water	10/06/21 13:20	10/08/21 10:00
480-190738-6	SUPE-W-10AR2-100621	Water	10/06/21 14:38	10/08/21 10:00
480-190738-7	SUPE-TB-01-100621	Water	10/06/21 15:45	10/08/21 10:00
480-190738-8	SUPE-M-99A-100621	Water	10/06/21 20:00	10/08/21 10:00
480-190738-9	SUPE-W-30C-100621	Water	10/06/21 09:20	10/08/21 10:00
480-190738-10	SUPE-W-06C-100621	Water	10/06/21 10:20	10/08/21 10:00
480-190738-11	SUPE-W-12CR-100621	Water	10/06/21 11:47	10/08/21 10:00
480-190738-12	SUPE-W-12A-100621	Water	10/06/21 12:48	10/08/21 10:00
480-190738-13	SUPE-W-06A-100621	Water	10/06/21 14:20	10/08/21 10:00

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Part 210311

CHAIN OF CUSTODY REQUEST FORM

REF.# 0040420



TestAmerica Duluth SC
269

Client: Beazer East, Inc.
Contact: kmandus.2006@fts.com

Company: Field & Technical Services
Address: 200 Third Avenue
Carnegie, PA 15106
(412) 279-3363

Project Name: Superior, WI - 2021 OM&M Program
Project Number: OM-0556-21
Laboratory: TABUF
Shipment Method: Courier
Program: Superior 2021 2SA Sampling_001

Sample Date	Sample Time	Matrix	Sample Identification	Analysis	Preservative	Total Bottle Count	6270D LL PCP	6260C_VOA+naphtha	HCL	Notes
10/08/2021	0927	GW	SUPE-W-18D-100621	2	None	2	0	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1038	GW	SUPE-W-28C-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1115	GW	SUPE-EB-01-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1204	GW	SUPE-W-04AR2-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1320	GW	SUPE-W-30A-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1438	GW	SUPE-W-10AR2-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	1545	GW	SUPE-TB-01-100621	3	None	0	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00
10/08/2021	2000	GW	SUPE-M-96A-100621	5	None	2	3	0	0	SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00

TC TA Buffalo



480-190738 Chain of Custody

Temp 3.3, 2.6, 2.8 # ICE

Relinquished by:	Received by:	Relinquished by:	Received by:	Turnaround Requirements
<i>Kemp Nemeroff</i>	<i>Melissa Gascon</i>	<i>Melissa Gascon</i>	<i>Melissa Gascon</i>	<input type="checkbox"/> Rush
Printed Name: Kelsey Mandus	Printed Name: Melissa Gascon	Printed Name: Melissa Gascon	Printed Name: Melissa Gascon	<input checked="" type="checkbox"/> Standard
Firm: FTS	Firm: Gasofins	Firm: Gasofins	Firm: TA	
Date/Time: 10/15/2021 17:10	Date/Time: 10/15/2021 11:00	Date/Time: 10/15/2021 11:00	Date/Time: 10/15/2021 10:44	





CHAIN OF CUSTODY RECORD/LABORATORY ANALYSIS REQUEST FORM



TestAmerica Duluth SC
269

Project Name: Superior, WI - 2021 OM&M Program
Project Number: OM-0556-21
Laboratory: TABUF
Shipment Method: Courier
Program: Superior 2021 2SA Sampling_001

Company: Field & Technical Services
Address: 200 Third Avenue
 Carnegie, PA 15106
 (412) 279-3363

Client: Beazer East, Inc.
Contact: hredmond.2006@f-ts.com

Sample Date	Sample Time	Matrix	Sample Identification	Analysis	Preservative	HCL		None	6270D LL_PCP	Not es:
						6280C_VOA+naphtha	6270D_LL_PCP			
10/09/2021	0920	GW	SUPE-W-30C-100621	5	3	2				
10/09/2021	1020	GW	SUPE-W-08C-100621	5	3	2				
10/09/2021	1020	GW	SUPE-MS/MSD-W-08C-100621	10	6	4				
10/09/2021	1147	GW	SUPE-W-12CR-100621	5	3	2				
10/09/2021	1248	GW	SUPE-W-12A-100621	5	3	2				
10/09/2021	1420	GW	SUPE-W-08A-100621	5	3	2				

TO TPA Buffalo
 (3 covers)

Relinquished by:	Received by:	Relinquished by:	Received by:	Turnaround Requirements
Signature: <i>[Signature]</i> Printed Name: Haley Redmond Firm: FTS	Signature: <i>[Signature]</i> Printed Name: Melissa Gascon Firm: Eurofins	Signature: <i>[Signature]</i> Printed Name: Melissa Gascon Firm: Eurofins	Signature: <i>[Signature]</i> Printed Name: Firm: Date/Time: 10/15/2021	<input type="checkbox"/> Rush <input checked="" type="checkbox"/> Standard



Buffalo Sewer Authority

Monitoring Requirements for Discharge Permits

The following is the list of pollutant parameters that are required to be monitored for the BSA to consider issuing a; Temporary Discharge Permit, Trucker's Discharge Permit, Non-Categorical Industrial Users Discharge Permit and any other wastewater discharges.

Categorical Industrial Users will follow EPA regulations for monitoring.

If a potential discharge warrants monitoring for any pollutant parameters not listed below, then the BSA will require the pollutant parameters to be included in the monitoring.

All sampling and monitoring must follow 40 CFR Part 136 Guidelines Establishing Test Procedures for the Analysis of Pollutants. Analysis must be conducted by an approved NELAC Laboratory and certified by New York State Department of Health.

Monitoring List:

- Metals: arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury*, nickel, selenium, silver, titanium, zinc and total cyanide.
- EPA Test Method 608, Organochlorine Pesticides and PCBs
- EPA Test Method 624, Purgeable Organics (volatile organic compounds)
- EPA Test Method 625, Base/Neutral and Acid (semi-volatile organic compounds)
- EPA Test Method 1664A SGT- HEM, Total Extractable Hydrocarbons (non-polar hydrocarbons)
- Total Suspended Solids, Total Dissolved Solids, Total Solids
- Biochemical Oxygen Demand, BOD 5 day
- Total Phosphates
- pH

When monitoring for Mercury*, EPA Test Method 245 is acceptable, however the BSA may request EPA Test Method 1631 (Low Level Mercury). If EPA Test Method 1631 is required, then EPA Sampling Method 1669 will also be required.

Revised June 15 2017

L:\WPDOCS\APPLICATIONS\Monitoring Requirements for permits updated June 15 2017.doc

Login Sample Receipt Checklist

Client: Field & Technical Services LLC

Job Number: 480-190738-1

Login Number: 190738

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-206508-1

Client Project/Site: Superior, WI Semiannual Groundwater

For:

Field & Technical Services LLC
200 Third Avenue
Carnegie, Pennsylvania 15106

Attn: Ms. Angie Gatchie



Authorized for release by:
10/15/2021 8:40:00 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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



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Case Narrative

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Job ID: 500-206508-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-206508-1

Comments

No additional comments.

Receipt

The samples were received on 10/8/2021 10:25 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 -0.5° C.

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 500-623067 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane] and 2,4-Dinitrophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 500-623192 was outside the method criteria for the following analyte(s): Multi-Analytes. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 500-206508-1

No Detections.

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 500-206508-2

No Detections.

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 500-206508-3

No Detections.

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 500-206508-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	2.1		0.86	0.29	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.69		0.17	0.049	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.46		0.17	0.085	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	1.3		0.17	0.069	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.50		0.17	0.055	ug/L	1		8270D	Total/NA
Chrysene	1.9		0.17	0.058	ug/L	1		8270D	Total/NA
Fluoranthene	5.7		0.86	0.39	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.25		0.17	0.064	ug/L	1		8270D	Total/NA
Phenanthrene	0.61	J	0.86	0.26	ug/L	1		8270D	Total/NA
Pyrene	3.9		0.86	0.37	ug/L	1		8270D	Total/NA

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 500-206508-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.061	J	1.6	0.053	ug/L	1		8270D	Total/NA
Acenaphthylene	0.73	J	0.81	0.22	ug/L	1		8270D	Total/NA
Anthracene	1.4		0.81	0.27	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.19		0.16	0.046	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.094	J	0.16	0.065	ug/L	1		8270D	Total/NA
Chrysene	0.17		0.16	0.055	ug/L	1		8270D	Total/NA
Dibenzofuran	31		1.6	0.21	ug/L	1		8270D	Total/NA
Fluoranthene	3.3		0.81	0.37	ug/L	1		8270D	Total/NA
Fluorene	24		0.81	0.20	ug/L	1		8270D	Total/NA
Phenanthrene	9.1		0.81	0.24	ug/L	1		8270D	Total/NA
Pyrene	1.9		0.81	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene	28		1.6	0.24	ug/L	1		8270D	Total/NA
Acenaphthene - DL	73		8.1	2.5	ug/L	10		8270D	Total/NA

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 500-206508-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.091	J	1.6	0.053	ug/L	1		8270D	Total/NA
2-Methylphenol	0.25	J	1.6	0.25	ug/L	1		8270D	Total/NA
Acenaphthylene	1.4		0.82	0.22	ug/L	1		8270D	Total/NA
Anthracene	2.2		0.82	0.27	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.19		0.16	0.046	ug/L	1		8270D	Total/NA
Chrysene	0.26		0.16	0.056	ug/L	1		8270D	Total/NA
Dibenzofuran	27		1.6	0.21	ug/L	1		8270D	Total/NA
Fluoranthene	3.8		0.82	0.37	ug/L	1		8270D	Total/NA
Fluorene	28		0.82	0.20	ug/L	1		8270D	Total/NA
Phenanthrene	0.52	J	0.82	0.25	ug/L	1		8270D	Total/NA
Phenol	2.3	J	4.1	0.55	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-10AR2-100621 (Continued)

Lab Sample ID: 500-206508-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	2.3		0.82	0.35	ug/L	1		8270D	Total/NA
1-Methylnaphthalene	40		1.6	0.25	ug/L	1		8270D	Total/NA
Acenaphthene - DL	120		8.2	2.5	ug/L	10		8270D	Total/NA

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 500-206508-7

No Detections.

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 500-206508-8

No Detections.

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 500-206508-9

No Detections.

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 500-206508-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trichlorophenol	1.4	J	4.0	0.57	ug/L	1		8270D	Total/NA

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 500-206508-11

No Detections.

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 500-206508-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI

Protocol References:

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

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-206508-1	SUPE-W-18D-100621	Water	10/06/21 09:27	10/08/21 10:25
500-206508-2	SUPE-W-28C-100621	Water	10/06/21 10:38	10/08/21 10:25
500-206508-3	SUPE-EB-01-100621	Water	10/06/21 11:15	10/08/21 10:25
500-206508-4	SUPE-W-04AR2-100621	Water	10/06/21 12:04	10/08/21 10:25
500-206508-5	SUPE-W-30A-100621	Water	10/06/21 13:20	10/08/21 10:25
500-206508-6	SUPE-W-10AR2-100621	Water	10/06/21 14:38	10/08/21 10:25
500-206508-7	SUPE-M-99A-100621	Water	10/06/21 20:00	10/08/21 10:25
500-206508-8	SUPE-W-30C-100621	Water	10/06/21 09:20	10/08/21 10:25
500-206508-9	SUPE-W-06C-100621	Water	10/06/21 10:20	10/08/21 10:25
500-206508-10	SUPE-W-12CR-100621	Water	10/06/21 11:47	10/08/21 10:25
500-206508-11	SUPE-W-12A-100621	Water	10/06/21 12:48	10/08/21 10:25
500-206508-12	SUPE-W-06A-100621	Water	10/06/21 14:20	10/08/21 10:25

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Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 500-206508-1

Date Collected: 10/06/21 09:27

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.7	0.21	ug/L		10/11/21 08:49	10/12/21 17:35	1
1,2-Dichlorobenzene	ND		1.7	0.21	ug/L		10/11/21 08:49	10/12/21 17:35	1
1,3-Dichlorobenzene	ND		1.7	0.18	ug/L		10/11/21 08:49	10/12/21 17:35	1
1,4-Dichlorobenzene	ND		1.7	0.18	ug/L		10/11/21 08:49	10/12/21 17:35	1
bis(chloroisopropyl) ether	ND		1.7	0.33	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4,5-Trichlorophenol	ND		8.7	2.2	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4,6-Trichlorophenol	ND		4.3	0.62	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4-Dichlorophenol	ND		8.7	2.3	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4-Dimethylphenol	ND		8.7	1.6	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4-Dinitrophenol	ND		17	7.5	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,4-Dinitrotoluene	ND		0.87	0.21	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,6-Dinitrotoluene	ND		0.87	0.064	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Chloronaphthalene	ND		1.7	0.20	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Chlorophenol	ND		4.3	0.49	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Methylnaphthalene	ND		1.7	0.057	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Methylphenol	ND		1.7	0.27	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Nitroaniline	ND		4.3	1.1	ug/L		10/11/21 08:49	10/12/21 17:35	1
2-Nitrophenol	ND		8.7	2.2	ug/L		10/11/21 08:49	10/12/21 17:35	1
3 & 4 Methylphenol	ND		1.7	0.39	ug/L		10/11/21 08:49	10/12/21 17:35	1
3,3'-Dichlorobenzidine	ND		4.3	1.5	ug/L		10/11/21 08:49	10/12/21 17:35	1
3-Nitroaniline	ND		8.7	1.6	ug/L		10/11/21 08:49	10/12/21 17:35	1
4,6-Dinitro-2-methylphenol	ND		17	5.1	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Bromophenyl phenyl ether	ND		4.3	0.47	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Chloro-3-methylphenol	ND		8.7	2.0	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Chloroaniline	ND		8.7	1.8	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Chlorophenyl phenyl ether	ND		4.3	0.55	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Nitroaniline	ND		8.7	1.4	ug/L		10/11/21 08:49	10/12/21 17:35	1
4-Nitrophenol	ND		17	6.5	ug/L		10/11/21 08:49	10/12/21 17:35	1
Acenaphthene	ND		0.87	0.27	ug/L		10/11/21 08:49	10/12/21 17:35	1
Acenaphthylene	ND		0.87	0.23	ug/L		10/11/21 08:49	10/12/21 17:35	1
Anthracene	ND		0.87	0.29	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzo[a]anthracene	ND		0.17	0.049	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzo[a]pyrene	ND		0.17	0.086	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzo[b]fluoranthene	ND		0.17	0.070	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzo[g,h,i]perylene	ND		0.87	0.33	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzo[k]fluoranthene	ND		0.17	0.056	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzoic acid	ND		17	5.0	ug/L		10/11/21 08:49	10/12/21 17:35	1
Benzyl alcohol	ND		17	5.3	ug/L		10/11/21 08:49	10/12/21 17:35	1
Bis(2-chloroethoxy)methane	ND		1.7	0.25	ug/L		10/11/21 08:49	10/12/21 17:35	1
Bis(2-chloroethyl)ether	ND		1.7	0.25	ug/L		10/11/21 08:49	10/12/21 17:35	1
Bis(2-ethylhexyl) phthalate	ND		8.7	1.5	ug/L		10/11/21 08:49	10/12/21 17:35	1
Butyl benzyl phthalate	ND		1.7	0.42	ug/L		10/11/21 08:49	10/12/21 17:35	1
Chrysene	ND		0.17	0.059	ug/L		10/11/21 08:49	10/12/21 17:35	1
Dibenz(a,h)anthracene	ND		0.26	0.044	ug/L		10/11/21 08:49	10/12/21 17:35	1
Dibenzofuran	ND		1.7	0.23	ug/L		10/11/21 08:49	10/12/21 17:35	1
Diethyl phthalate	ND		4.3	0.31	ug/L		10/11/21 08:49	10/12/21 17:35	1
Dimethyl phthalate	ND		4.3	0.27	ug/L		10/11/21 08:49	10/12/21 17:35	1
Di-n-butyl phthalate	ND		4.3	0.64	ug/L		10/11/21 08:49	10/12/21 17:35	1
Di-n-octyl phthalate	ND		8.7	0.91	ug/L		10/11/21 08:49	10/12/21 17:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 500-206508-1

Date Collected: 10/06/21 09:27

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.87	0.39	ug/L		10/11/21 08:49	10/12/21 17:35	1
Fluorene	ND		0.87	0.21	ug/L		10/11/21 08:49	10/12/21 17:35	1
Hexachlorobenzene	ND		0.43	0.069	ug/L		10/11/21 08:49	10/12/21 17:35	1
Hexachlorobutadiene	ND		4.3	0.45	ug/L		10/11/21 08:49	10/12/21 17:35	1
Hexachlorocyclopentadiene	ND		17	5.5	ug/L		10/11/21 08:49	10/12/21 17:35	1
Hexachloroethane	ND		4.3	0.52	ug/L		10/11/21 08:49	10/12/21 17:35	1
Indeno[1,2,3-cd]pyrene	ND		0.17	0.065	ug/L		10/11/21 08:49	10/12/21 17:35	1
Isophorone	ND		1.7	0.33	ug/L		10/11/21 08:49	10/12/21 17:35	1
Naphthalene	ND		0.87	0.27	ug/L		10/11/21 08:49	10/12/21 17:35	1
Nitrobenzene	ND		0.87	0.39	ug/L		10/11/21 08:49	10/12/21 17:35	1
N-Nitrosodi-n-propylamine	ND		0.43	0.13	ug/L		10/11/21 08:49	10/12/21 17:35	1
N-Nitrosodiphenylamine	ND		1.7	0.32	ug/L		10/11/21 08:49	10/12/21 17:35	1
Phenanthrene	ND		0.87	0.26	ug/L		10/11/21 08:49	10/12/21 17:35	1
Phenol	ND		4.3	0.58	ug/L		10/11/21 08:49	10/12/21 17:35	1
Pyrene	ND		0.87	0.37	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,3,4,6-Tetrachlorophenol	ND		4.3	0.65	ug/L		10/11/21 08:49	10/12/21 17:35	1
2,3,5,6-Tetrachlorophenol	ND		8.7	3.3	ug/L		10/11/21 08:49	10/12/21 17:35	1
1-Methylnaphthalene	ND		1.7	0.26	ug/L		10/11/21 08:49	10/12/21 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	44		27 - 110				10/11/21 08:49	10/12/21 17:35	1
Phenol-d5 (Surr)	30		20 - 110				10/11/21 08:49	10/12/21 17:35	1
Nitrobenzene-d5 (Surr)	80		36 - 120				10/11/21 08:49	10/12/21 17:35	1
2-Fluorobiphenyl	74		34 - 110				10/11/21 08:49	10/12/21 17:35	1
2,4,6-Tribromophenol (Surr)	103		40 - 145				10/11/21 08:49	10/12/21 17:35	1
Terphenyl-d14 (Surr)	101		40 - 145				10/11/21 08:49	10/12/21 17:35	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 500-206508-2

Date Collected: 10/06/21 10:38

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.7	0.20	ug/L		10/11/21 08:49	10/12/21 17:59	1
1,2-Dichlorobenzene	ND		1.7	0.20	ug/L		10/11/21 08:49	10/12/21 17:59	1
1,3-Dichlorobenzene	ND		1.7	0.17	ug/L		10/11/21 08:49	10/12/21 17:59	1
1,4-Dichlorobenzene	ND		1.7	0.17	ug/L		10/11/21 08:49	10/12/21 17:59	1
bis(chloroisopropyl) ether	ND		1.7	0.32	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4,5-Trichlorophenol	ND		8.3	2.1	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4,6-Trichlorophenol	ND		4.1	0.59	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4-Dichlorophenol	ND		8.3	2.2	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4-Dimethylphenol	ND		8.3	1.5	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4-Dinitrophenol	ND		17	7.1	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,4-Dinitrotoluene	ND		0.83	0.20	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,6-Dinitrotoluene	ND		0.83	0.061	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Chloronaphthalene	ND		1.7	0.19	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Chlorophenol	ND		4.1	0.46	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Methylnaphthalene	ND		1.7	0.054	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Methylphenol	ND		1.7	0.25	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Nitroaniline	ND		4.1	1.1	ug/L		10/11/21 08:49	10/12/21 17:59	1
2-Nitrophenol	ND		8.3	2.1	ug/L		10/11/21 08:49	10/12/21 17:59	1
3 & 4 Methylphenol	ND		1.7	0.37	ug/L		10/11/21 08:49	10/12/21 17:59	1
3,3'-Dichlorobenzidine	ND		4.1	1.4	ug/L		10/11/21 08:49	10/12/21 17:59	1
3-Nitroaniline	ND		8.3	1.5	ug/L		10/11/21 08:49	10/12/21 17:59	1
4,6-Dinitro-2-methylphenol	ND		17	4.9	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Bromophenyl phenyl ether	ND		4.1	0.45	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Chloro-3-methylphenol	ND		8.3	1.9	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Chloroaniline	ND		8.3	1.7	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Chlorophenyl phenyl ether	ND		4.1	0.53	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Nitroaniline	ND		8.3	1.4	ug/L		10/11/21 08:49	10/12/21 17:59	1
4-Nitrophenol	ND		17	6.2	ug/L		10/11/21 08:49	10/12/21 17:59	1
Acenaphthene	ND		0.83	0.26	ug/L		10/11/21 08:49	10/12/21 17:59	1
Acenaphthylene	ND		0.83	0.22	ug/L		10/11/21 08:49	10/12/21 17:59	1
Anthracene	ND		0.83	0.28	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzo[a]anthracene	ND		0.17	0.047	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzo[a]pyrene	ND		0.17	0.082	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzo[b]fluoranthene	ND		0.17	0.067	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzo[g,h,i]perylene	ND		0.83	0.31	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzo[k]fluoranthene	ND		0.17	0.053	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzoic acid	ND		17	4.8	ug/L		10/11/21 08:49	10/12/21 17:59	1
Benzyl alcohol	ND		17	5.0	ug/L		10/11/21 08:49	10/12/21 17:59	1
Bis(2-chloroethoxy)methane	ND		1.7	0.24	ug/L		10/11/21 08:49	10/12/21 17:59	1
Bis(2-chloroethyl)ether	ND		1.7	0.24	ug/L		10/11/21 08:49	10/12/21 17:59	1
Bis(2-ethylhexyl) phthalate	ND		8.3	1.4	ug/L		10/11/21 08:49	10/12/21 17:59	1
Butyl benzyl phthalate	ND		1.7	0.40	ug/L		10/11/21 08:49	10/12/21 17:59	1
Chrysene	ND		0.17	0.056	ug/L		10/11/21 08:49	10/12/21 17:59	1
Dibenz(a,h)anthracene	ND		0.25	0.042	ug/L		10/11/21 08:49	10/12/21 17:59	1
Dibenzofuran	ND		1.7	0.22	ug/L		10/11/21 08:49	10/12/21 17:59	1
Diethyl phthalate	ND		4.1	0.30	ug/L		10/11/21 08:49	10/12/21 17:59	1
Dimethyl phthalate	ND		4.1	0.26	ug/L		10/11/21 08:49	10/12/21 17:59	1
Di-n-butyl phthalate	ND		4.1	0.61	ug/L		10/11/21 08:49	10/12/21 17:59	1
Di-n-octyl phthalate	ND		8.3	0.87	ug/L		10/11/21 08:49	10/12/21 17:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 500-206508-2

Date Collected: 10/06/21 10:38

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.83	0.38	ug/L		10/11/21 08:49	10/12/21 17:59	1
Fluorene	ND		0.83	0.20	ug/L		10/11/21 08:49	10/12/21 17:59	1
Hexachlorobenzene	ND		0.41	0.066	ug/L		10/11/21 08:49	10/12/21 17:59	1
Hexachlorobutadiene	ND		4.1	0.43	ug/L		10/11/21 08:49	10/12/21 17:59	1
Hexachlorocyclopentadiene	ND		17	5.3	ug/L		10/11/21 08:49	10/12/21 17:59	1
Hexachloroethane	ND		4.1	0.50	ug/L		10/11/21 08:49	10/12/21 17:59	1
Indeno[1,2,3-cd]pyrene	ND		0.17	0.062	ug/L		10/11/21 08:49	10/12/21 17:59	1
Isophorone	ND		1.7	0.31	ug/L		10/11/21 08:49	10/12/21 17:59	1
Nitrobenzene	ND		0.83	0.37	ug/L		10/11/21 08:49	10/12/21 17:59	1
N-Nitrosodi-n-propylamine	ND		0.41	0.13	ug/L		10/11/21 08:49	10/12/21 17:59	1
N-Nitrosodiphenylamine	ND		1.7	0.31	ug/L		10/11/21 08:49	10/12/21 17:59	1
Phenanthrene	ND		0.83	0.25	ug/L		10/11/21 08:49	10/12/21 17:59	1
Phenol	ND		4.1	0.56	ug/L		10/11/21 08:49	10/12/21 17:59	1
Pyrene	ND		0.83	0.35	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,3,4,6-Tetrachlorophenol	ND		4.1	0.62	ug/L		10/11/21 08:49	10/12/21 17:59	1
2,3,5,6-Tetrachlorophenol	ND		8.3	3.2	ug/L		10/11/21 08:49	10/12/21 17:59	1
1-Methylnaphthalene	ND		1.7	0.25	ug/L		10/11/21 08:49	10/12/21 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	50		27 - 110	10/11/21 08:49	10/12/21 17:59	1
Phenol-d5 (Surr)	33		20 - 110	10/11/21 08:49	10/12/21 17:59	1
Nitrobenzene-d5 (Surr)	87		36 - 120	10/11/21 08:49	10/12/21 17:59	1
2-Fluorobiphenyl	80		34 - 110	10/11/21 08:49	10/12/21 17:59	1
2,4,6-Tribromophenol (Surr)	106		40 - 145	10/11/21 08:49	10/12/21 17:59	1
Terphenyl-d14 (Surr)	99		40 - 145	10/11/21 08:49	10/12/21 17:59	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 500-206508-3

Date Collected: 10/06/21 11:15

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.5	0.18	ug/L		10/11/21 08:49	10/12/21 18:22	1
1,2-Dichlorobenzene	ND		1.5	0.18	ug/L		10/11/21 08:49	10/12/21 18:22	1
1,3-Dichlorobenzene	ND		1.5	0.15	ug/L		10/11/21 08:49	10/12/21 18:22	1
1,4-Dichlorobenzene	ND		1.5	0.15	ug/L		10/11/21 08:49	10/12/21 18:22	1
bis(chloroisopropyl) ether	ND		1.5	0.28	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4,5-Trichlorophenol	ND		7.4	1.9	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4,6-Trichlorophenol	ND		3.7	0.53	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4-Dichlorophenol	ND		7.4	1.9	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4-Dimethylphenol	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4-Dinitrophenol	ND		15	6.4	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,4-Dinitrotoluene	ND		0.74	0.18	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,6-Dinitrotoluene	ND		0.74	0.055	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Chloronaphthalene	ND		1.5	0.17	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Chlorophenol	ND		3.7	0.41	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Methylnaphthalene	ND		1.5	0.048	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Methylphenol	ND		1.5	0.23	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Nitroaniline	ND		3.7	0.95	ug/L		10/11/21 08:49	10/12/21 18:22	1
2-Nitrophenol	ND		7.4	1.9	ug/L		10/11/21 08:49	10/12/21 18:22	1
3 & 4 Methylphenol	ND		1.5	0.33	ug/L		10/11/21 08:49	10/12/21 18:22	1
3,3'-Dichlorobenzidine	ND		3.7	1.3	ug/L		10/11/21 08:49	10/12/21 18:22	1
3-Nitroaniline	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 18:22	1
4,6-Dinitro-2-methylphenol	ND		15	4.4	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Bromophenyl phenyl ether	ND		3.7	0.40	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Chloro-3-methylphenol	ND		7.4	1.7	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Chloroaniline	ND		7.4	1.5	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Chlorophenyl phenyl ether	ND		3.7	0.47	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Nitroaniline	ND		7.4	1.2	ug/L		10/11/21 08:49	10/12/21 18:22	1
4-Nitrophenol	ND		15	5.5	ug/L		10/11/21 08:49	10/12/21 18:22	1
Acenaphthene	ND		0.74	0.23	ug/L		10/11/21 08:49	10/12/21 18:22	1
Acenaphthylene	ND		0.74	0.20	ug/L		10/11/21 08:49	10/12/21 18:22	1
Anthracene	ND		0.74	0.25	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzo[a]anthracene	ND		0.15	0.042	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzo[a]pyrene	ND		0.15	0.073	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzo[b]fluoranthene	ND		0.15	0.060	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzo[g,h,i]perylene	ND		0.74	0.28	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzo[k]fluoranthene	ND		0.15	0.047	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzoic acid	ND		15	4.3	ug/L		10/11/21 08:49	10/12/21 18:22	1
Benzyl alcohol	ND		15	4.5	ug/L		10/11/21 08:49	10/12/21 18:22	1
Bis(2-chloroethoxy)methane	ND		1.5	0.21	ug/L		10/11/21 08:49	10/12/21 18:22	1
Bis(2-chloroethyl)ether	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 18:22	1
Bis(2-ethylhexyl) phthalate	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 18:22	1
Butyl benzyl phthalate	ND		1.5	0.36	ug/L		10/11/21 08:49	10/12/21 18:22	1
Chrysene	ND		0.15	0.051	ug/L		10/11/21 08:49	10/12/21 18:22	1
Dibenz(a,h)anthracene	ND		0.22	0.038	ug/L		10/11/21 08:49	10/12/21 18:22	1
Dibenzofuran	ND		1.5	0.19	ug/L		10/11/21 08:49	10/12/21 18:22	1
Diethyl phthalate	ND		3.7	0.27	ug/L		10/11/21 08:49	10/12/21 18:22	1
Dimethyl phthalate	ND		3.7	0.23	ug/L		10/11/21 08:49	10/12/21 18:22	1
Di-n-butyl phthalate	ND		3.7	0.54	ug/L		10/11/21 08:49	10/12/21 18:22	1
Di-n-octyl phthalate	ND		7.4	0.78	ug/L		10/11/21 08:49	10/12/21 18:22	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 500-206508-3

Date Collected: 10/06/21 11:15

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.74	0.34	ug/L		10/11/21 08:49	10/12/21 18:22	1
Fluorene	ND		0.74	0.18	ug/L		10/11/21 08:49	10/12/21 18:22	1
Hexachlorobenzene	ND		0.37	0.059	ug/L		10/11/21 08:49	10/12/21 18:22	1
Hexachlorobutadiene	ND		3.7	0.38	ug/L		10/11/21 08:49	10/12/21 18:22	1
Hexachlorocyclopentadiene	ND		15	4.7	ug/L		10/11/21 08:49	10/12/21 18:22	1
Hexachloroethane	ND		3.7	0.44	ug/L		10/11/21 08:49	10/12/21 18:22	1
Indeno[1,2,3-cd]pyrene	ND		0.15	0.055	ug/L		10/11/21 08:49	10/12/21 18:22	1
Isophorone	ND		1.5	0.28	ug/L		10/11/21 08:49	10/12/21 18:22	1
Nitrobenzene	ND		0.74	0.33	ug/L		10/11/21 08:49	10/12/21 18:22	1
N-Nitrosodi-n-propylamine	ND		0.37	0.11	ug/L		10/11/21 08:49	10/12/21 18:22	1
N-Nitrosodiphenylamine	ND		1.5	0.27	ug/L		10/11/21 08:49	10/12/21 18:22	1
Phenanthrene	ND		0.74	0.22	ug/L		10/11/21 08:49	10/12/21 18:22	1
Phenol	ND		3.7	0.50	ug/L		10/11/21 08:49	10/12/21 18:22	1
Pyrene	ND		0.74	0.32	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,3,4,6-Tetrachlorophenol	ND		3.7	0.55	ug/L		10/11/21 08:49	10/12/21 18:22	1
2,3,5,6-Tetrachlorophenol	ND		7.4	2.8	ug/L		10/11/21 08:49	10/12/21 18:22	1
1-Methylnaphthalene	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	68		27 - 110	10/11/21 08:49	10/12/21 18:22	1
Phenol-d5 (Surr)	42		20 - 110	10/11/21 08:49	10/12/21 18:22	1
Nitrobenzene-d5 (Surr)	99		36 - 120	10/11/21 08:49	10/12/21 18:22	1
2-Fluorobiphenyl	89		34 - 110	10/11/21 08:49	10/12/21 18:22	1
2,4,6-Tribromophenol (Surr)	106		40 - 145	10/11/21 08:49	10/12/21 18:22	1
Terphenyl-d14 (Surr)	111		40 - 145	10/11/21 08:49	10/12/21 18:22	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 500-206508-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.7	0.20	ug/L		10/11/21 08:49	10/12/21 18:46	1
1,2-Dichlorobenzene	ND		1.7	0.21	ug/L		10/11/21 08:49	10/12/21 18:46	1
1,3-Dichlorobenzene	ND		1.7	0.18	ug/L		10/11/21 08:49	10/12/21 18:46	1
1,4-Dichlorobenzene	ND		1.7	0.18	ug/L		10/11/21 08:49	10/12/21 18:46	1
bis(chloroisopropyl) ether	ND		1.7	0.33	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4,5-Trichlorophenol	ND		8.6	2.2	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4,6-Trichlorophenol	ND		4.3	0.61	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4-Dichlorophenol	ND		8.6	2.2	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4-Dimethylphenol	ND		8.6	1.5	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4-Dinitrophenol	ND		17	7.4	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,4-Dinitrotoluene	ND		0.86	0.21	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,6-Dinitrotoluene	ND		0.86	0.063	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Chloronaphthalene	ND		1.7	0.20	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Chlorophenol	ND		4.3	0.48	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Methylnaphthalene	ND		1.7	0.056	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Methylphenol	ND		1.7	0.26	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Nitroaniline	ND		4.3	1.1	ug/L		10/11/21 08:49	10/12/21 18:46	1
2-Nitrophenol	ND		8.6	2.1	ug/L		10/11/21 08:49	10/12/21 18:46	1
3 & 4 Methylphenol	ND		1.7	0.38	ug/L		10/11/21 08:49	10/12/21 18:46	1
3,3'-Dichlorobenzidine	ND		4.3	1.5	ug/L		10/11/21 08:49	10/12/21 18:46	1
3-Nitroaniline	ND		8.6	1.5	ug/L		10/11/21 08:49	10/12/21 18:46	1
4,6-Dinitro-2-methylphenol	ND		17	5.1	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Bromophenyl phenyl ether	ND		4.3	0.46	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Chloro-3-methylphenol	ND		8.6	2.0	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Chloroaniline	ND		8.6	1.7	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Chlorophenyl phenyl ether	ND		4.3	0.54	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Nitroaniline	ND		8.6	1.4	ug/L		10/11/21 08:49	10/12/21 18:46	1
4-Nitrophenol	ND		17	6.4	ug/L		10/11/21 08:49	10/12/21 18:46	1
Acenaphthene	ND		0.86	0.26	ug/L		10/11/21 08:49	10/12/21 18:46	1
Acenaphthylene	ND		0.86	0.23	ug/L		10/11/21 08:49	10/12/21 18:46	1
Anthracene	2.1		0.86	0.29	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzo[a]anthracene	0.69		0.17	0.049	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzo[a]pyrene	0.46		0.17	0.085	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzo[b]fluoranthene	1.3		0.17	0.069	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzo[g,h,i]perylene	ND		0.86	0.32	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzo[k]fluoranthene	0.50		0.17	0.055	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzoic acid	ND		17	4.9	ug/L		10/11/21 08:49	10/12/21 18:46	1
Benzyl alcohol	ND		17	5.2	ug/L		10/11/21 08:49	10/12/21 18:46	1
Bis(2-chloroethoxy)methane	ND		1.7	0.24	ug/L		10/11/21 08:49	10/12/21 18:46	1
Bis(2-chloroethyl)ether	ND		1.7	0.25	ug/L		10/11/21 08:49	10/12/21 18:46	1
Bis(2-ethylhexyl) phthalate	ND		8.6	1.5	ug/L		10/11/21 08:49	10/12/21 18:46	1
Butyl benzyl phthalate	ND		1.7	0.41	ug/L		10/11/21 08:49	10/12/21 18:46	1
Chrysene	1.9		0.17	0.058	ug/L		10/11/21 08:49	10/12/21 18:46	1
Dibenz(a,h)anthracene	ND		0.26	0.044	ug/L		10/11/21 08:49	10/12/21 18:46	1
Dibenzofuran	ND		1.7	0.23	ug/L		10/11/21 08:49	10/12/21 18:46	1
Diethyl phthalate	ND		4.3	0.31	ug/L		10/11/21 08:49	10/12/21 18:46	1
Dimethyl phthalate	ND		4.3	0.27	ug/L		10/11/21 08:49	10/12/21 18:46	1
Di-n-butyl phthalate	ND		4.3	0.63	ug/L		10/11/21 08:49	10/12/21 18:46	1
Di-n-octyl phthalate	ND		8.6	0.90	ug/L		10/11/21 08:49	10/12/21 18:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 500-206508-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	5.7		0.86	0.39	ug/L		10/11/21 08:49	10/12/21 18:46	1
Fluorene	ND		0.86	0.21	ug/L		10/11/21 08:49	10/12/21 18:46	1
Hexachlorobenzene	ND		0.43	0.068	ug/L		10/11/21 08:49	10/12/21 18:46	1
Hexachlorobutadiene	ND		4.3	0.44	ug/L		10/11/21 08:49	10/12/21 18:46	1
Hexachlorocyclopentadiene	ND		17	5.5	ug/L		10/11/21 08:49	10/12/21 18:46	1
Hexachloroethane	ND		4.3	0.51	ug/L		10/11/21 08:49	10/12/21 18:46	1
Indeno[1,2,3-cd]pyrene	0.25		0.17	0.064	ug/L		10/11/21 08:49	10/12/21 18:46	1
Isophorone	ND		1.7	0.32	ug/L		10/11/21 08:49	10/12/21 18:46	1
Nitrobenzene	ND		0.86	0.38	ug/L		10/11/21 08:49	10/12/21 18:46	1
N-Nitrosodi-n-propylamine	ND		0.43	0.13	ug/L		10/11/21 08:49	10/12/21 18:46	1
N-Nitrosodiphenylamine	ND		1.7	0.32	ug/L		10/11/21 08:49	10/12/21 18:46	1
Phenanthrene	0.61	J	0.86	0.26	ug/L		10/11/21 08:49	10/12/21 18:46	1
Phenol	ND		4.3	0.58	ug/L		10/11/21 08:49	10/12/21 18:46	1
Pyrene	3.9		0.86	0.37	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,3,4,6-Tetrachlorophenol	ND		4.3	0.64	ug/L		10/11/21 08:49	10/12/21 18:46	1
2,3,5,6-Tetrachlorophenol	ND		8.6	3.3	ug/L		10/11/21 08:49	10/12/21 18:46	1
1-Methylnaphthalene	ND		1.7	0.26	ug/L		10/11/21 08:49	10/12/21 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	43		27 - 110	10/11/21 08:49	10/12/21 18:46	1
Phenol-d5 (Surr)	36		20 - 110	10/11/21 08:49	10/12/21 18:46	1
Nitrobenzene-d5 (Surr)	77		36 - 120	10/11/21 08:49	10/12/21 18:46	1
2-Fluorobiphenyl	76		34 - 110	10/11/21 08:49	10/12/21 18:46	1
2,4,6-Tribromophenol (Surr)	106		40 - 145	10/11/21 08:49	10/12/21 18:46	1
Terphenyl-d14 (Surr)	93		40 - 145	10/11/21 08:49	10/12/21 18:46	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 500-206508-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 19:10	1
1,2-Dichlorobenzene	ND		1.6	0.20	ug/L		10/11/21 08:49	10/12/21 19:10	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 19:10	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 19:10	1
bis(chloroisopropyl) ether	ND		1.6	0.31	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4,5-Trichlorophenol	ND		8.1	2.1	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4,6-Trichlorophenol	ND		4.0	0.58	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4-Dichlorophenol	ND		8.1	2.1	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4-Dimethylphenol	ND		8.1	1.5	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4-Dinitrophenol	ND		16	6.9	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,4-Dinitrotoluene	ND		0.81	0.20	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,6-Dinitrotoluene	ND		0.81	0.060	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Chlorophenol	ND		4.0	0.45	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Methylnaphthalene	0.061	J	1.6	0.053	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Methylphenol	ND		1.6	0.25	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Nitroaniline	ND		4.0	1.0	ug/L		10/11/21 08:49	10/12/21 19:10	1
2-Nitrophenol	ND		8.1	2.0	ug/L		10/11/21 08:49	10/12/21 19:10	1
3 & 4 Methylphenol	ND		1.6	0.36	ug/L		10/11/21 08:49	10/12/21 19:10	1
3,3'-Dichlorobenzidine	ND		4.0	1.4	ug/L		10/11/21 08:49	10/12/21 19:10	1
3-Nitroaniline	ND		8.1	1.4	ug/L		10/11/21 08:49	10/12/21 19:10	1
4,6-Dinitro-2-methylphenol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Bromophenyl phenyl ether	ND		4.0	0.44	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Chloro-3-methylphenol	ND		8.1	1.9	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Chloroaniline	ND		8.1	1.6	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Chlorophenyl phenyl ether	ND		4.0	0.51	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Nitroaniline	ND		8.1	1.3	ug/L		10/11/21 08:49	10/12/21 19:10	1
4-Nitrophenol	ND		16	6.0	ug/L		10/11/21 08:49	10/12/21 19:10	1
Acenaphthylene	0.73	J	0.81	0.22	ug/L		10/11/21 08:49	10/12/21 19:10	1
Anthracene	1.4		0.81	0.27	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzo[a]anthracene	0.19		0.16	0.046	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzo[a]pyrene	ND		0.16	0.080	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzo[b]fluoranthene	0.094	J	0.16	0.065	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzo[g,h,i]perylene	ND		0.81	0.30	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzo[k]fluoranthene	ND		0.16	0.052	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzoic acid	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 19:10	1
Benzyl alcohol	ND		16	4.9	ug/L		10/11/21 08:49	10/12/21 19:10	1
Bis(2-chloroethoxy)methane	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 19:10	1
Bis(2-chloroethyl)ether	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 19:10	1
Bis(2-ethylhexyl) phthalate	ND		8.1	1.4	ug/L		10/11/21 08:49	10/12/21 19:10	1
Butyl benzyl phthalate	ND		1.6	0.39	ug/L		10/11/21 08:49	10/12/21 19:10	1
Chrysene	0.17		0.16	0.055	ug/L		10/11/21 08:49	10/12/21 19:10	1
Dibenz(a,h)anthracene	ND		0.24	0.041	ug/L		10/11/21 08:49	10/12/21 19:10	1
Dibenzofuran	31		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 19:10	1
Diethyl phthalate	ND		4.0	0.29	ug/L		10/11/21 08:49	10/12/21 19:10	1
Dimethyl phthalate	ND		4.0	0.25	ug/L		10/11/21 08:49	10/12/21 19:10	1
Di-n-butyl phthalate	ND		4.0	0.59	ug/L		10/11/21 08:49	10/12/21 19:10	1
Di-n-octyl phthalate	ND		8.1	0.85	ug/L		10/11/21 08:49	10/12/21 19:10	1
Fluoranthene	3.3		0.81	0.37	ug/L		10/11/21 08:49	10/12/21 19:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 500-206508-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	24		0.81	0.20	ug/L		10/11/21 08:49	10/12/21 19:10	1
Hexachlorobenzene	ND		0.40	0.064	ug/L		10/11/21 08:49	10/12/21 19:10	1
Hexachlorobutadiene	ND		4.0	0.42	ug/L		10/11/21 08:49	10/12/21 19:10	1
Hexachlorocyclopentadiene	ND		16	5.1	ug/L		10/11/21 08:49	10/12/21 19:10	1
Hexachloroethane	ND		4.0	0.48	ug/L		10/11/21 08:49	10/12/21 19:10	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.060	ug/L		10/11/21 08:49	10/12/21 19:10	1
Isophorone	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 19:10	1
Nitrobenzene	ND		0.81	0.36	ug/L		10/11/21 08:49	10/12/21 19:10	1
N-Nitrosodi-n-propylamine	ND		0.40	0.12	ug/L		10/11/21 08:49	10/12/21 19:10	1
N-Nitrosodiphenylamine	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 19:10	1
Phenanthrene	9.1		0.81	0.24	ug/L		10/11/21 08:49	10/12/21 19:10	1
Phenol	ND		4.0	0.54	ug/L		10/11/21 08:49	10/12/21 19:10	1
Pyrene	1.9		0.81	0.34	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,3,4,6-Tetrachlorophenol	ND		4.0	0.60	ug/L		10/11/21 08:49	10/12/21 19:10	1
2,3,5,6-Tetrachlorophenol	ND		8.1	3.1	ug/L		10/11/21 08:49	10/12/21 19:10	1
1-Methylnaphthalene	28		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	48		27 - 110	10/11/21 08:49	10/12/21 19:10	1
Phenol-d5 (Surr)	36		20 - 110	10/11/21 08:49	10/12/21 19:10	1
Nitrobenzene-d5 (Surr)	81		36 - 120	10/11/21 08:49	10/12/21 19:10	1
2-Fluorobiphenyl	79		34 - 110	10/11/21 08:49	10/12/21 19:10	1
2,4,6-Tribromophenol (Surr)	110		40 - 145	10/11/21 08:49	10/12/21 19:10	1
Terphenyl-d14 (Surr)	90		40 - 145	10/11/21 08:49	10/12/21 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	73		8.1	2.5	ug/L		10/11/21 08:49	10/13/21 11:54	10

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 500-206508-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 19:34	1
1,2-Dichlorobenzene	ND		1.6	0.20	ug/L		10/11/21 08:49	10/12/21 19:34	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 19:34	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 19:34	1
bis(chloroisopropyl) ether	ND		1.6	0.31	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4,5-Trichlorophenol	ND		8.2	2.1	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4,6-Trichlorophenol	ND		4.1	0.59	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4-Dichlorophenol	ND		8.2	2.1	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4-Dimethylphenol	ND		8.2	1.5	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4-Dinitrophenol	ND		16	7.0	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,4-Dinitrotoluene	ND		0.82	0.20	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,6-Dinitrotoluene	ND		0.82	0.060	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Chlorophenol	ND		4.1	0.46	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Methylnaphthalene	0.091	J	1.6	0.053	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Methylphenol	0.25	J	1.6	0.25	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Nitroaniline	ND		4.1	1.1	ug/L		10/11/21 08:49	10/12/21 19:34	1
2-Nitrophenol	ND		8.2	2.0	ug/L		10/11/21 08:49	10/12/21 19:34	1
3 & 4 Methylphenol	ND		1.6	0.37	ug/L		10/11/21 08:49	10/12/21 19:34	1
3,3'-Dichlorobenzidine	ND		4.1	1.4	ug/L		10/11/21 08:49	10/12/21 19:34	1
3-Nitroaniline	ND		8.2	1.5	ug/L		10/11/21 08:49	10/12/21 19:34	1
4,6-Dinitro-2-methylphenol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Bromophenyl phenyl ether	ND		4.1	0.44	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Chloro-3-methylphenol	ND		8.2	1.9	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Chloroaniline	ND		8.2	1.6	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Chlorophenyl phenyl ether	ND		4.1	0.52	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Nitroaniline	ND		8.2	1.4	ug/L		10/11/21 08:49	10/12/21 19:34	1
4-Nitrophenol	ND		16	6.1	ug/L		10/11/21 08:49	10/12/21 19:34	1
Acenaphthylene	1.4		0.82	0.22	ug/L		10/11/21 08:49	10/12/21 19:34	1
Anthracene	2.2		0.82	0.27	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzo[a]anthracene	0.19		0.16	0.046	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzo[a]pyrene	ND		0.16	0.081	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzo[b]fluoranthene	ND		0.16	0.066	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzo[g,h,i]perylene	ND		0.82	0.31	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzo[k]fluoranthene	ND		0.16	0.052	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzoic acid	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 19:34	1
Benzyl alcohol	ND		16	4.9	ug/L		10/11/21 08:49	10/12/21 19:34	1
Bis(2-chloroethoxy)methane	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 19:34	1
Bis(2-chloroethyl)ether	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 19:34	1
Bis(2-ethylhexyl) phthalate	ND		8.2	1.4	ug/L		10/11/21 08:49	10/12/21 19:34	1
Butyl benzyl phthalate	ND		1.6	0.39	ug/L		10/11/21 08:49	10/12/21 19:34	1
Chrysene	0.26		0.16	0.056	ug/L		10/11/21 08:49	10/12/21 19:34	1
Dibenz(a,h)anthracene	ND		0.25	0.041	ug/L		10/11/21 08:49	10/12/21 19:34	1
Dibenzofuran	27		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 19:34	1
Diethyl phthalate	ND		4.1	0.30	ug/L		10/11/21 08:49	10/12/21 19:34	1
Dimethyl phthalate	ND		4.1	0.26	ug/L		10/11/21 08:49	10/12/21 19:34	1
Di-n-butyl phthalate	ND		4.1	0.60	ug/L		10/11/21 08:49	10/12/21 19:34	1
Di-n-octyl phthalate	ND		8.2	0.86	ug/L		10/11/21 08:49	10/12/21 19:34	1
Fluoranthene	3.8		0.82	0.37	ug/L		10/11/21 08:49	10/12/21 19:34	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 500-206508-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	28		0.82	0.20	ug/L		10/11/21 08:49	10/12/21 19:34	1
Hexachlorobenzene	ND		0.41	0.065	ug/L		10/11/21 08:49	10/12/21 19:34	1
Hexachlorobutadiene	ND		4.1	0.42	ug/L		10/11/21 08:49	10/12/21 19:34	1
Hexachlorocyclopentadiene	ND		16	5.2	ug/L		10/11/21 08:49	10/12/21 19:34	1
Hexachloroethane	ND		4.1	0.49	ug/L		10/11/21 08:49	10/12/21 19:34	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.061	ug/L		10/11/21 08:49	10/12/21 19:34	1
Isophorone	ND		1.6	0.31	ug/L		10/11/21 08:49	10/12/21 19:34	1
Nitrobenzene	ND		0.82	0.37	ug/L		10/11/21 08:49	10/12/21 19:34	1
N-Nitrosodi-n-propylamine	ND		0.41	0.13	ug/L		10/11/21 08:49	10/12/21 19:34	1
N-Nitrosodiphenylamine	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 19:34	1
Phenanthrene	0.52	J	0.82	0.25	ug/L		10/11/21 08:49	10/12/21 19:34	1
Phenol	2.3	J	4.1	0.55	ug/L		10/11/21 08:49	10/12/21 19:34	1
Pyrene	2.3		0.82	0.35	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,3,4,6-Tetrachlorophenol	ND		4.1	0.61	ug/L		10/11/21 08:49	10/12/21 19:34	1
2,3,5,6-Tetrachlorophenol	ND		8.2	3.1	ug/L		10/11/21 08:49	10/12/21 19:34	1
1-Methylnaphthalene	40		1.6	0.25	ug/L		10/11/21 08:49	10/12/21 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	56		27 - 110	10/11/21 08:49	10/12/21 19:34	1
Phenol-d5 (Surr)	39		20 - 110	10/11/21 08:49	10/12/21 19:34	1
Nitrobenzene-d5 (Surr)	80		36 - 120	10/11/21 08:49	10/12/21 19:34	1
2-Fluorobiphenyl	72		34 - 110	10/11/21 08:49	10/12/21 19:34	1
2,4,6-Tribromophenol (Surr)	102		40 - 145	10/11/21 08:49	10/12/21 19:34	1
Terphenyl-d14 (Surr)	91		40 - 145	10/11/21 08:49	10/12/21 19:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	120		8.2	2.5	ug/L		10/11/21 08:49	10/13/21 12:19	10

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 500-206508-7

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.8	0.22	ug/L		10/11/21 08:49	10/12/21 19:58	1
1,2-Dichlorobenzene	ND		1.8	0.23	ug/L		10/11/21 08:49	10/12/21 19:58	1
1,3-Dichlorobenzene	ND		1.8	0.19	ug/L		10/11/21 08:49	10/12/21 19:58	1
1,4-Dichlorobenzene	ND		1.8	0.19	ug/L		10/11/21 08:49	10/12/21 19:58	1
bis(chloroisopropyl) ether	ND		1.8	0.35	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4,5-Trichlorophenol	ND		9.2	2.4	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4,6-Trichlorophenol	ND		4.6	0.66	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4-Dichlorophenol	ND		9.2	2.4	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4-Dimethylphenol	ND		9.2	1.7	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4-Dinitrophenol	ND		18	7.9	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,4-Dinitrotoluene	ND		0.92	0.23	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,6-Dinitrotoluene	ND		0.92	0.068	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Chloronaphthalene	ND		1.8	0.22	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Chlorophenol	ND		4.6	0.51	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Methylnaphthalene	ND		1.8	0.060	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Methylphenol	ND		1.8	0.28	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Nitroaniline	ND		4.6	1.2	ug/L		10/11/21 08:49	10/12/21 19:58	1
2-Nitrophenol	ND		9.2	2.3	ug/L		10/11/21 08:49	10/12/21 19:58	1
3 & 4 Methylphenol	ND		1.8	0.41	ug/L		10/11/21 08:49	10/12/21 19:58	1
3,3'-Dichlorobenzidine	ND		4.6	1.6	ug/L		10/11/21 08:49	10/12/21 19:58	1
3-Nitroaniline	ND		9.2	1.6	ug/L		10/11/21 08:49	10/12/21 19:58	1
4,6-Dinitro-2-methylphenol	ND		18	5.4	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Bromophenyl phenyl ether	ND		4.6	0.50	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Chloro-3-methylphenol	ND		9.2	2.1	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Chloroaniline	ND		9.2	1.9	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Chlorophenyl phenyl ether	ND		4.6	0.58	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Nitroaniline	ND		9.2	1.5	ug/L		10/11/21 08:49	10/12/21 19:58	1
4-Nitrophenol	ND		18	6.8	ug/L		10/11/21 08:49	10/12/21 19:58	1
Acenaphthene	ND		0.92	0.28	ug/L		10/11/21 08:49	10/12/21 19:58	1
Acenaphthylene	ND		0.92	0.25	ug/L		10/11/21 08:49	10/12/21 19:58	1
Anthracene	ND		0.92	0.31	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzo[a]anthracene	ND		0.18	0.052	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzo[a]pyrene	ND		0.18	0.091	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzo[b]fluoranthene	ND		0.18	0.074	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzo[g,h,i]perylene	ND		0.92	0.35	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzo[k]fluoranthene	ND		0.18	0.059	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzoic acid	ND		18	5.3	ug/L		10/11/21 08:49	10/12/21 19:58	1
Benzyl alcohol	ND		18	5.6	ug/L		10/11/21 08:49	10/12/21 19:58	1
Bis(2-chloroethoxy)methane	ND		1.8	0.26	ug/L		10/11/21 08:49	10/12/21 19:58	1
Bis(2-chloroethyl)ether	ND		1.8	0.27	ug/L		10/11/21 08:49	10/12/21 19:58	1
Bis(2-ethylhexyl) phthalate	ND		9.2	1.6	ug/L		10/11/21 08:49	10/12/21 19:58	1
Butyl benzyl phthalate	ND		1.8	0.44	ug/L		10/11/21 08:49	10/12/21 19:58	1
Chrysene	ND		0.18	0.063	ug/L		10/11/21 08:49	10/12/21 19:58	1
Dibenz(a,h)anthracene	ND		0.28	0.047	ug/L		10/11/21 08:49	10/12/21 19:58	1
Dibenzofuran	ND		1.8	0.24	ug/L		10/11/21 08:49	10/12/21 19:58	1
Diethyl phthalate	ND		4.6	0.33	ug/L		10/11/21 08:49	10/12/21 19:58	1
Dimethyl phthalate	ND		4.6	0.29	ug/L		10/11/21 08:49	10/12/21 19:58	1
Di-n-butyl phthalate	ND		4.6	0.67	ug/L		10/11/21 08:49	10/12/21 19:58	1
Di-n-octyl phthalate	ND		9.2	0.97	ug/L		10/11/21 08:49	10/12/21 19:58	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 500-206508-7

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.92	0.42	ug/L		10/11/21 08:49	10/12/21 19:58	1
Fluorene	ND		0.92	0.22	ug/L		10/11/21 08:49	10/12/21 19:58	1
Hexachlorobenzene	ND		0.46	0.073	ug/L		10/11/21 08:49	10/12/21 19:58	1
Hexachlorobutadiene	ND		4.6	0.47	ug/L		10/11/21 08:49	10/12/21 19:58	1
Hexachlorocyclopentadiene	ND		18	5.9	ug/L		10/11/21 08:49	10/12/21 19:58	1
Hexachloroethane	ND		4.6	0.55	ug/L		10/11/21 08:49	10/12/21 19:58	1
Indeno[1,2,3-cd]pyrene	ND		0.18	0.069	ug/L		10/11/21 08:49	10/12/21 19:58	1
Isophorone	ND		1.8	0.35	ug/L		10/11/21 08:49	10/12/21 19:58	1
Nitrobenzene	ND		0.92	0.41	ug/L		10/11/21 08:49	10/12/21 19:58	1
N-Nitrosodi-n-propylamine	ND		0.46	0.14	ug/L		10/11/21 08:49	10/12/21 19:58	1
N-Nitrosodiphenylamine	ND		1.8	0.34	ug/L		10/11/21 08:49	10/12/21 19:58	1
Phenanthrene	ND		0.92	0.28	ug/L		10/11/21 08:49	10/12/21 19:58	1
Phenol	ND		4.6	0.62	ug/L		10/11/21 08:49	10/12/21 19:58	1
Pyrene	ND		0.92	0.39	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,3,4,6-Tetrachlorophenol	ND		4.6	0.69	ug/L		10/11/21 08:49	10/12/21 19:58	1
2,3,5,6-Tetrachlorophenol	ND		9.2	3.5	ug/L		10/11/21 08:49	10/12/21 19:58	1
1-Methylnaphthalene	ND		1.8	0.28	ug/L		10/11/21 08:49	10/12/21 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		27 - 110	10/11/21 08:49	10/12/21 19:58	1
Phenol-d5 (Surr)	48		20 - 110	10/11/21 08:49	10/12/21 19:58	1
Nitrobenzene-d5 (Surr)	88		36 - 120	10/11/21 08:49	10/12/21 19:58	1
2-Fluorobiphenyl	80		34 - 110	10/11/21 08:49	10/12/21 19:58	1
2,4,6-Tribromophenol (Surr)	108		40 - 145	10/11/21 08:49	10/12/21 19:58	1
Terphenyl-d14 (Surr)	111		40 - 145	10/11/21 08:49	10/12/21 19:58	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 500-206508-8

Date Collected: 10/06/21 09:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.5	0.18	ug/L		10/11/21 08:49	10/12/21 20:21	1
1,2-Dichlorobenzene	ND		1.5	0.19	ug/L		10/11/21 08:49	10/12/21 20:21	1
1,3-Dichlorobenzene	ND		1.5	0.16	ug/L		10/11/21 08:49	10/12/21 20:21	1
1,4-Dichlorobenzene	ND		1.5	0.16	ug/L		10/11/21 08:49	10/12/21 20:21	1
bis(chloroisopropyl) ether	ND		1.5	0.29	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4,5-Trichlorophenol	ND		7.7	2.0	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4,6-Trichlorophenol	ND		3.8	0.55	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4-Dichlorophenol	ND		7.7	2.0	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4-Dimethylphenol	ND		7.7	1.4	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4-Dinitrophenol	ND		15	6.6	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,4-Dinitrotoluene	ND		0.77	0.19	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,6-Dinitrotoluene	ND		0.77	0.056	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Chloronaphthalene	ND		1.5	0.18	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Chlorophenol	ND		3.8	0.43	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Methylnaphthalene	ND		1.5	0.050	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Methylphenol	ND		1.5	0.23	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Nitroaniline	ND		3.8	0.99	ug/L		10/11/21 08:49	10/12/21 20:21	1
2-Nitrophenol	ND		7.7	1.9	ug/L		10/11/21 08:49	10/12/21 20:21	1
3 & 4 Methylphenol	ND		1.5	0.34	ug/L		10/11/21 08:49	10/12/21 20:21	1
3,3'-Dichlorobenzidine	ND		3.8	1.3	ug/L		10/11/21 08:49	10/12/21 20:21	1
3-Nitroaniline	ND		7.7	1.4	ug/L		10/11/21 08:49	10/12/21 20:21	1
4,6-Dinitro-2-methylphenol	ND		15	4.5	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Bromophenyl phenyl ether	ND		3.8	0.41	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Chloro-3-methylphenol	ND		7.7	1.8	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Chloroaniline	ND		7.7	1.5	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Chlorophenyl phenyl ether	ND		3.8	0.49	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Nitroaniline	ND		7.7	1.3	ug/L		10/11/21 08:49	10/12/21 20:21	1
4-Nitrophenol	ND		15	5.7	ug/L		10/11/21 08:49	10/12/21 20:21	1
Acenaphthene	ND		0.77	0.24	ug/L		10/11/21 08:49	10/12/21 20:21	1
Acenaphthylene	ND		0.77	0.20	ug/L		10/11/21 08:49	10/12/21 20:21	1
Anthracene	ND		0.77	0.26	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzo[a]anthracene	ND		0.15	0.043	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzo[a]pyrene	ND		0.15	0.076	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzo[b]fluoranthene	ND		0.15	0.062	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzo[g,h,i]perylene	ND		0.77	0.29	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzo[k]fluoranthene	ND		0.15	0.049	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzoic acid	ND		15	4.4	ug/L		10/11/21 08:49	10/12/21 20:21	1
Benzyl alcohol	ND		15	4.6	ug/L		10/11/21 08:49	10/12/21 20:21	1
Bis(2-chloroethoxy)methane	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 20:21	1
Bis(2-chloroethyl)ether	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 20:21	1
Bis(2-ethylhexyl) phthalate	ND		7.7	1.3	ug/L		10/11/21 08:49	10/12/21 20:21	1
Butyl benzyl phthalate	ND		1.5	0.37	ug/L		10/11/21 08:49	10/12/21 20:21	1
Chrysene	ND		0.15	0.052	ug/L		10/11/21 08:49	10/12/21 20:21	1
Dibenz(a,h)anthracene	ND		0.23	0.039	ug/L		10/11/21 08:49	10/12/21 20:21	1
Dibenzofuran	ND		1.5	0.20	ug/L		10/11/21 08:49	10/12/21 20:21	1
Diethyl phthalate	ND		3.8	0.28	ug/L		10/11/21 08:49	10/12/21 20:21	1
Dimethyl phthalate	ND		3.8	0.24	ug/L		10/11/21 08:49	10/12/21 20:21	1
Di-n-butyl phthalate	ND		3.8	0.56	ug/L		10/11/21 08:49	10/12/21 20:21	1
Di-n-octyl phthalate	ND		7.7	0.80	ug/L		10/11/21 08:49	10/12/21 20:21	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 500-206508-8

Date Collected: 10/06/21 09:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.77	0.35	ug/L		10/11/21 08:49	10/12/21 20:21	1
Fluorene	ND		0.77	0.19	ug/L		10/11/21 08:49	10/12/21 20:21	1
Hexachlorobenzene	ND		0.38	0.061	ug/L		10/11/21 08:49	10/12/21 20:21	1
Hexachlorobutadiene	ND		3.8	0.39	ug/L		10/11/21 08:49	10/12/21 20:21	1
Hexachlorocyclopentadiene	ND		15	4.9	ug/L		10/11/21 08:49	10/12/21 20:21	1
Hexachloroethane	ND		3.8	0.46	ug/L		10/11/21 08:49	10/12/21 20:21	1
Indeno[1,2,3-cd]pyrene	ND		0.15	0.057	ug/L		10/11/21 08:49	10/12/21 20:21	1
Isophorone	ND		1.5	0.29	ug/L		10/11/21 08:49	10/12/21 20:21	1
Nitrobenzene	ND		0.77	0.34	ug/L		10/11/21 08:49	10/12/21 20:21	1
N-Nitrosodi-n-propylamine	ND		0.38	0.12	ug/L		10/11/21 08:49	10/12/21 20:21	1
N-Nitrosodiphenylamine	ND		1.5	0.28	ug/L		10/11/21 08:49	10/12/21 20:21	1
Phenanthrene	ND		0.77	0.23	ug/L		10/11/21 08:49	10/12/21 20:21	1
Phenol	ND		3.8	0.51	ug/L		10/11/21 08:49	10/12/21 20:21	1
Pyrene	ND		0.77	0.33	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,3,4,6-Tetrachlorophenol	ND		3.8	0.57	ug/L		10/11/21 08:49	10/12/21 20:21	1
2,3,5,6-Tetrachlorophenol	ND		7.7	2.9	ug/L		10/11/21 08:49	10/12/21 20:21	1
1-Methylnaphthalene	ND		1.5	0.23	ug/L		10/11/21 08:49	10/12/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	59		27 - 110	10/11/21 08:49	10/12/21 20:21	1
Phenol-d5 (Surr)	41		20 - 110	10/11/21 08:49	10/12/21 20:21	1
Nitrobenzene-d5 (Surr)	86		36 - 120	10/11/21 08:49	10/12/21 20:21	1
2-Fluorobiphenyl	84		34 - 110	10/11/21 08:49	10/12/21 20:21	1
2,4,6-Tribromophenol (Surr)	108		40 - 145	10/11/21 08:49	10/12/21 20:21	1
Terphenyl-d14 (Surr)	100		40 - 145	10/11/21 08:49	10/12/21 20:21	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 500-206508-9

Date Collected: 10/06/21 10:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 21:57	1
1,2-Dichlorobenzene	ND		1.6	0.20	ug/L		10/11/21 08:49	10/12/21 21:57	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 21:57	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 21:57	1
bis(chloroisopropyl) ether	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4,5-Trichlorophenol	ND		8.0	2.0	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4,6-Trichlorophenol	ND		4.0	0.57	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4-Dichlorophenol	ND		8.0	2.1	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4-Dimethylphenol	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4-Dinitrophenol	ND		16	6.9	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,4-Dinitrotoluene	ND		0.80	0.20	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,6-Dinitrotoluene	ND		0.80	0.059	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Chlorophenol	ND		4.0	0.45	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Methylnaphthalene	ND		1.6	0.052	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Methylphenol	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Nitroaniline	ND		4.0	1.0	ug/L		10/11/21 08:49	10/12/21 21:57	1
2-Nitrophenol	ND		8.0	2.0	ug/L		10/11/21 08:49	10/12/21 21:57	1
3 & 4 Methylphenol	ND		1.6	0.36	ug/L		10/11/21 08:49	10/12/21 21:57	1
3,3'-Dichlorobenzidine	ND		4.0	1.4	ug/L		10/11/21 08:49	10/12/21 21:57	1
3-Nitroaniline	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 21:57	1
4,6-Dinitro-2-methylphenol	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Bromophenyl phenyl ether	ND		4.0	0.43	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Chloro-3-methylphenol	ND		8.0	1.8	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Chloroaniline	ND		8.0	1.6	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Chlorophenyl phenyl ether	ND		4.0	0.51	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Nitroaniline	ND		8.0	1.3	ug/L		10/11/21 08:49	10/12/21 21:57	1
4-Nitrophenol	ND		16	5.9	ug/L		10/11/21 08:49	10/12/21 21:57	1
Acenaphthene	ND		0.80	0.25	ug/L		10/11/21 08:49	10/12/21 21:57	1
Acenaphthylene	ND		0.80	0.21	ug/L		10/11/21 08:49	10/12/21 21:57	1
Anthracene	ND		0.80	0.27	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzo[a]anthracene	ND		0.16	0.045	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzo[a]pyrene	ND		0.16	0.079	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzo[b]fluoranthene	ND		0.16	0.064	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzo[g,h,i]perylene	ND		0.80	0.30	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzo[k]fluoranthene	ND		0.16	0.051	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzoic acid	ND		16	4.6	ug/L		10/11/21 08:49	10/12/21 21:57	1
Benzyl alcohol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 21:57	1
Bis(2-chloroethoxy)methane	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 21:57	1
Bis(2-chloroethyl)ether	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 21:57	1
Bis(2-ethylhexyl) phthalate	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 21:57	1
Butyl benzyl phthalate	ND		1.6	0.38	ug/L		10/11/21 08:49	10/12/21 21:57	1
Chrysene	ND		0.16	0.054	ug/L		10/11/21 08:49	10/12/21 21:57	1
Dibenz(a,h)anthracene	ND		0.24	0.040	ug/L		10/11/21 08:49	10/12/21 21:57	1
Dibenzofuran	ND		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 21:57	1
Diethyl phthalate	ND		4.0	0.29	ug/L		10/11/21 08:49	10/12/21 21:57	1
Dimethyl phthalate	ND		4.0	0.25	ug/L		10/11/21 08:49	10/12/21 21:57	1
Di-n-butyl phthalate	ND		4.0	0.58	ug/L		10/11/21 08:49	10/12/21 21:57	1
Di-n-octyl phthalate	ND		8.0	0.84	ug/L		10/11/21 08:49	10/12/21 21:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 500-206508-9

Date Collected: 10/06/21 10:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.80	0.36	ug/L		10/11/21 08:49	10/12/21 21:57	1
Fluorene	ND		0.80	0.19	ug/L		10/11/21 08:49	10/12/21 21:57	1
Hexachlorobenzene	ND		0.40	0.063	ug/L		10/11/21 08:49	10/12/21 21:57	1
Hexachlorobutadiene	ND		4.0	0.41	ug/L		10/11/21 08:49	10/12/21 21:57	1
Hexachlorocyclopentadiene	ND		16	5.1	ug/L		10/11/21 08:49	10/12/21 21:57	1
Hexachloroethane	ND		4.0	0.48	ug/L		10/11/21 08:49	10/12/21 21:57	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.060	ug/L		10/11/21 08:49	10/12/21 21:57	1
Isophorone	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 21:57	1
Nitrobenzene	ND		0.80	0.36	ug/L		10/11/21 08:49	10/12/21 21:57	1
N-Nitrosodi-n-propylamine	ND		0.40	0.12	ug/L		10/11/21 08:49	10/12/21 21:57	1
N-Nitrosodiphenylamine	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 21:57	1
Phenanthrene	ND		0.80	0.24	ug/L		10/11/21 08:49	10/12/21 21:57	1
Phenol	ND		4.0	0.54	ug/L		10/11/21 08:49	10/12/21 21:57	1
Pyrene	ND		0.80	0.34	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,3,4,6-Tetrachlorophenol	ND		4.0	0.60	ug/L		10/11/21 08:49	10/12/21 21:57	1
2,3,5,6-Tetrachlorophenol	ND		8.0	3.1	ug/L		10/11/21 08:49	10/12/21 21:57	1
1-Methylnaphthalene	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	56		27 - 110	10/11/21 08:49	10/12/21 21:57	1
Phenol-d5 (Surr)	40		20 - 110	10/11/21 08:49	10/12/21 21:57	1
Nitrobenzene-d5 (Surr)	81		36 - 120	10/11/21 08:49	10/12/21 21:57	1
2-Fluorobiphenyl	76		34 - 110	10/11/21 08:49	10/12/21 21:57	1
2,4,6-Tribromophenol (Surr)	109		40 - 145	10/11/21 08:49	10/12/21 21:57	1
Terphenyl-d14 (Surr)	100		40 - 145	10/11/21 08:49	10/12/21 21:57	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 500-206508-10

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 20:45	1
1,2-Dichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 20:45	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 20:45	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 20:45	1
bis(chloroisopropyl) ether	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4,5-Trichlorophenol	ND		7.9	2.0	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4,6-Trichlorophenol	1.4	J	4.0	0.57	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4-Dichlorophenol	ND		7.9	2.1	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4-Dimethylphenol	ND		7.9	1.4	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4-Dinitrophenol	ND		16	6.8	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,4-Dinitrotoluene	ND		0.79	0.19	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,6-Dinitrotoluene	ND		0.79	0.058	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Chlorophenol	ND		4.0	0.44	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Methylnaphthalene	ND		1.6	0.051	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Methylphenol	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Nitroaniline	ND		4.0	1.0	ug/L		10/11/21 08:49	10/12/21 20:45	1
2-Nitrophenol	ND		7.9	2.0	ug/L		10/11/21 08:49	10/12/21 20:45	1
3 & 4 Methylphenol	ND		1.6	0.35	ug/L		10/11/21 08:49	10/12/21 20:45	1
3,3'-Dichlorobenzidine	ND		4.0	1.4	ug/L		10/11/21 08:49	10/12/21 20:45	1
3-Nitroaniline	ND		7.9	1.4	ug/L		10/11/21 08:49	10/12/21 20:45	1
4,6-Dinitro-2-methylphenol	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Bromophenyl phenyl ether	ND		4.0	0.43	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Chloro-3-methylphenol	ND		7.9	1.8	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Chloroaniline	ND		7.9	1.6	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Chlorophenyl phenyl ether	ND		4.0	0.50	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Nitroaniline	ND		7.9	1.3	ug/L		10/11/21 08:49	10/12/21 20:45	1
4-Nitrophenol	ND		16	5.9	ug/L		10/11/21 08:49	10/12/21 20:45	1
Acenaphthene	ND		0.79	0.24	ug/L		10/11/21 08:49	10/12/21 20:45	1
Acenaphthylene	ND		0.79	0.21	ug/L		10/11/21 08:49	10/12/21 20:45	1
Anthracene	ND		0.79	0.26	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzo[a]anthracene	ND		0.16	0.045	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzo[a]pyrene	ND		0.16	0.078	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzo[b]fluoranthene	ND		0.16	0.064	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzo[g,h,i]perylene	ND		0.79	0.30	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzo[k]fluoranthene	ND		0.16	0.051	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzoic acid	ND		16	4.6	ug/L		10/11/21 08:49	10/12/21 20:45	1
Benzyl alcohol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 20:45	1
Bis(2-chloroethoxy)methane	ND		1.6	0.22	ug/L		10/11/21 08:49	10/12/21 20:45	1
Bis(2-chloroethyl)ether	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 20:45	1
Bis(2-ethylhexyl) phthalate	ND		7.9	1.4	ug/L		10/11/21 08:49	10/12/21 20:45	1
Butyl benzyl phthalate	ND		1.6	0.38	ug/L		10/11/21 08:49	10/12/21 20:45	1
Chrysene	ND		0.16	0.054	ug/L		10/11/21 08:49	10/12/21 20:45	1
Dibenz(a,h)anthracene	ND		0.24	0.040	ug/L		10/11/21 08:49	10/12/21 20:45	1
Dibenzofuran	ND		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 20:45	1
Diethyl phthalate	ND		4.0	0.29	ug/L		10/11/21 08:49	10/12/21 20:45	1
Dimethyl phthalate	ND		4.0	0.25	ug/L		10/11/21 08:49	10/12/21 20:45	1
Di-n-butyl phthalate	ND		4.0	0.58	ug/L		10/11/21 08:49	10/12/21 20:45	1
Di-n-octyl phthalate	ND		7.9	0.83	ug/L		10/11/21 08:49	10/12/21 20:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 500-206508-10

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.79	0.36	ug/L		10/11/21 08:49	10/12/21 20:45	1
Fluorene	ND		0.79	0.19	ug/L		10/11/21 08:49	10/12/21 20:45	1
Hexachlorobenzene	ND		0.40	0.063	ug/L		10/11/21 08:49	10/12/21 20:45	1
Hexachlorobutadiene	ND		4.0	0.41	ug/L		10/11/21 08:49	10/12/21 20:45	1
Hexachlorocyclopentadiene	ND		16	5.0	ug/L		10/11/21 08:49	10/12/21 20:45	1
Hexachloroethane	ND		4.0	0.47	ug/L		10/11/21 08:49	10/12/21 20:45	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.059	ug/L		10/11/21 08:49	10/12/21 20:45	1
Isophorone	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 20:45	1
Nitrobenzene	ND		0.79	0.35	ug/L		10/11/21 08:49	10/12/21 20:45	1
N-Nitrosodi-n-propylamine	ND		0.40	0.12	ug/L		10/11/21 08:49	10/12/21 20:45	1
N-Nitrosodiphenylamine	ND		1.6	0.29	ug/L		10/11/21 08:49	10/12/21 20:45	1
Phenanthrene	ND		0.79	0.24	ug/L		10/11/21 08:49	10/12/21 20:45	1
Phenol	ND		4.0	0.53	ug/L		10/11/21 08:49	10/12/21 20:45	1
Pyrene	ND		0.79	0.34	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,3,4,6-Tetrachlorophenol	ND		4.0	0.59	ug/L		10/11/21 08:49	10/12/21 20:45	1
2,3,5,6-Tetrachlorophenol	ND		7.9	3.0	ug/L		10/11/21 08:49	10/12/21 20:45	1
1-Methylnaphthalene	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	55		27 - 110	10/11/21 08:49	10/12/21 20:45	1
Phenol-d5 (Surr)	37		20 - 110	10/11/21 08:49	10/12/21 20:45	1
Nitrobenzene-d5 (Surr)	90		36 - 120	10/11/21 08:49	10/12/21 20:45	1
2-Fluorobiphenyl	85		34 - 110	10/11/21 08:49	10/12/21 20:45	1
2,4,6-Tribromophenol (Surr)	109		40 - 145	10/11/21 08:49	10/12/21 20:45	1
Terphenyl-d14 (Surr)	103		40 - 145	10/11/21 08:49	10/12/21 20:45	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 500-206508-11

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.5	0.17	ug/L		10/11/21 08:49	10/12/21 21:09	1
1,2-Dichlorobenzene	ND		1.5	0.18	ug/L		10/11/21 08:49	10/12/21 21:09	1
1,3-Dichlorobenzene	ND		1.5	0.15	ug/L		10/11/21 08:49	10/12/21 21:09	1
1,4-Dichlorobenzene	ND		1.5	0.15	ug/L		10/11/21 08:49	10/12/21 21:09	1
bis(chloroisopropyl) ether	ND		1.5	0.28	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4,5-Trichlorophenol	ND		7.4	1.9	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4,6-Trichlorophenol	ND		3.7	0.53	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4-Dichlorophenol	ND		7.4	1.9	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4-Dimethylphenol	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4-Dinitrophenol	ND		15	6.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,4-Dinitrotoluene	ND		0.74	0.18	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,6-Dinitrotoluene	ND		0.74	0.054	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Chloronaphthalene	ND		1.5	0.17	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Chlorophenol	ND		3.7	0.41	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Methylnaphthalene	ND		1.5	0.048	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Methylphenol	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Nitroaniline	ND		3.7	0.95	ug/L		10/11/21 08:49	10/12/21 21:09	1
2-Nitrophenol	ND		7.4	1.8	ug/L		10/11/21 08:49	10/12/21 21:09	1
3 & 4 Methylphenol	ND		1.5	0.33	ug/L		10/11/21 08:49	10/12/21 21:09	1
3,3'-Dichlorobenzidine	ND		3.7	1.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
3-Nitroaniline	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
4,6-Dinitro-2-methylphenol	ND		15	4.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Bromophenyl phenyl ether	ND		3.7	0.40	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Chloro-3-methylphenol	ND		7.4	1.7	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Chloroaniline	ND		7.4	1.5	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Chlorophenyl phenyl ether	ND		3.7	0.47	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Nitroaniline	ND		7.4	1.2	ug/L		10/11/21 08:49	10/12/21 21:09	1
4-Nitrophenol	ND		15	5.5	ug/L		10/11/21 08:49	10/12/21 21:09	1
Acenaphthene	ND		0.74	0.23	ug/L		10/11/21 08:49	10/12/21 21:09	1
Acenaphthylene	ND		0.74	0.20	ug/L		10/11/21 08:49	10/12/21 21:09	1
Anthracene	ND		0.74	0.25	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzo[a]anthracene	ND		0.15	0.042	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzo[a]pyrene	ND		0.15	0.073	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzo[b]fluoranthene	ND		0.15	0.059	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzo[g,h,i]perylene	ND		0.74	0.28	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzo[k]fluoranthene	ND		0.15	0.047	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzoic acid	ND		15	4.2	ug/L		10/11/21 08:49	10/12/21 21:09	1
Benzyl alcohol	ND		15	4.5	ug/L		10/11/21 08:49	10/12/21 21:09	1
Bis(2-chloroethoxy)methane	ND		1.5	0.21	ug/L		10/11/21 08:49	10/12/21 21:09	1
Bis(2-chloroethyl)ether	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 21:09	1
Bis(2-ethylhexyl) phthalate	ND		7.4	1.3	ug/L		10/11/21 08:49	10/12/21 21:09	1
Butyl benzyl phthalate	ND		1.5	0.35	ug/L		10/11/21 08:49	10/12/21 21:09	1
Chrysene	ND		0.15	0.050	ug/L		10/11/21 08:49	10/12/21 21:09	1
Dibenz(a,h)anthracene	ND		0.22	0.037	ug/L		10/11/21 08:49	10/12/21 21:09	1
Dibenzofuran	ND		1.5	0.19	ug/L		10/11/21 08:49	10/12/21 21:09	1
Diethyl phthalate	ND		3.7	0.27	ug/L		10/11/21 08:49	10/12/21 21:09	1
Dimethyl phthalate	ND		3.7	0.23	ug/L		10/11/21 08:49	10/12/21 21:09	1
Di-n-butyl phthalate	ND		3.7	0.54	ug/L		10/11/21 08:49	10/12/21 21:09	1
Di-n-octyl phthalate	ND		7.4	0.77	ug/L		10/11/21 08:49	10/12/21 21:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 500-206508-11

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.74	0.33	ug/L		10/11/21 08:49	10/12/21 21:09	1
Fluorene	ND		0.74	0.18	ug/L		10/11/21 08:49	10/12/21 21:09	1
Hexachlorobenzene	ND		0.37	0.059	ug/L		10/11/21 08:49	10/12/21 21:09	1
Hexachlorobutadiene	ND		3.7	0.38	ug/L		10/11/21 08:49	10/12/21 21:09	1
Hexachlorocyclopentadiene	ND		15	4.7	ug/L		10/11/21 08:49	10/12/21 21:09	1
Hexachloroethane	ND		3.7	0.44	ug/L		10/11/21 08:49	10/12/21 21:09	1
Indeno[1,2,3-cd]pyrene	ND		0.15	0.055	ug/L		10/11/21 08:49	10/12/21 21:09	1
Isophorone	ND		1.5	0.28	ug/L		10/11/21 08:49	10/12/21 21:09	1
Nitrobenzene	ND		0.74	0.33	ug/L		10/11/21 08:49	10/12/21 21:09	1
N-Nitrosodi-n-propylamine	ND		0.37	0.11	ug/L		10/11/21 08:49	10/12/21 21:09	1
N-Nitrosodiphenylamine	ND		1.5	0.27	ug/L		10/11/21 08:49	10/12/21 21:09	1
Phenanthrene	ND		0.74	0.22	ug/L		10/11/21 08:49	10/12/21 21:09	1
Phenol	ND		3.7	0.49	ug/L		10/11/21 08:49	10/12/21 21:09	1
Pyrene	ND		0.74	0.31	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,3,4,6-Tetrachlorophenol	ND		3.7	0.55	ug/L		10/11/21 08:49	10/12/21 21:09	1
2,3,5,6-Tetrachlorophenol	ND		7.4	2.8	ug/L		10/11/21 08:49	10/12/21 21:09	1
1-Methylnaphthalene	ND		1.5	0.22	ug/L		10/11/21 08:49	10/12/21 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	38		27 - 110	10/11/21 08:49	10/12/21 21:09	1
Phenol-d5 (Surr)	31		20 - 110	10/11/21 08:49	10/12/21 21:09	1
Nitrobenzene-d5 (Surr)	78		36 - 120	10/11/21 08:49	10/12/21 21:09	1
2-Fluorobiphenyl	70		34 - 110	10/11/21 08:49	10/12/21 21:09	1
2,4,6-Tribromophenol (Surr)	104		40 - 145	10/11/21 08:49	10/12/21 21:09	1
Terphenyl-d14 (Surr)	78		40 - 145	10/11/21 08:49	10/12/21 21:09	1

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 500-206508-12

Date Collected: 10/06/21 14:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 21:33	1
1,2-Dichlorobenzene	ND		1.6	0.20	ug/L		10/11/21 08:49	10/12/21 21:33	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 21:33	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 21:33	1
bis(chloroisopropyl) ether	ND		1.6	0.31	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4,5-Trichlorophenol	ND		8.1	2.1	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4,6-Trichlorophenol	ND		4.1	0.58	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4-Dichlorophenol	ND		8.1	2.1	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4-Dimethylphenol	ND		8.1	1.5	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4-Dinitrophenol	ND		16	7.0	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,4-Dinitrotoluene	ND		0.81	0.20	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,6-Dinitrotoluene	ND		0.81	0.060	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Chlorophenol	ND		4.1	0.45	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Methylnaphthalene	ND		1.6	0.053	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Methylphenol	ND		1.6	0.25	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Nitroaniline	ND		4.1	1.0	ug/L		10/11/21 08:49	10/12/21 21:33	1
2-Nitrophenol	ND		8.1	2.0	ug/L		10/11/21 08:49	10/12/21 21:33	1
3 & 4 Methylphenol	ND		1.6	0.36	ug/L		10/11/21 08:49	10/12/21 21:33	1
3,3'-Dichlorobenzidine	ND		4.1	1.4	ug/L		10/11/21 08:49	10/12/21 21:33	1
3-Nitroaniline	ND		8.1	1.5	ug/L		10/11/21 08:49	10/12/21 21:33	1
4,6-Dinitro-2-methylphenol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Bromophenyl phenyl ether	ND		4.1	0.44	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Chloro-3-methylphenol	ND		8.1	1.9	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Chloroaniline	ND		8.1	1.6	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Chlorophenyl phenyl ether	ND		4.1	0.52	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Nitroaniline	ND		8.1	1.4	ug/L		10/11/21 08:49	10/12/21 21:33	1
4-Nitrophenol	ND		16	6.0	ug/L		10/11/21 08:49	10/12/21 21:33	1
Acenaphthene	ND		0.81	0.25	ug/L		10/11/21 08:49	10/12/21 21:33	1
Acenaphthylene	ND		0.81	0.22	ug/L		10/11/21 08:49	10/12/21 21:33	1
Anthracene	ND		0.81	0.27	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzo[a]anthracene	ND		0.16	0.046	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzo[a]pyrene	ND		0.16	0.080	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzo[b]fluoranthene	ND		0.16	0.066	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzo[g,h,i]perylene	ND		0.81	0.30	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzo[k]fluoranthene	ND		0.16	0.052	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzoic acid	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 21:33	1
Benzyl alcohol	ND		16	4.9	ug/L		10/11/21 08:49	10/12/21 21:33	1
Bis(2-chloroethoxy)methane	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 21:33	1
Bis(2-chloroethyl)ether	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 21:33	1
Bis(2-ethylhexyl) phthalate	ND		8.1	1.4	ug/L		10/11/21 08:49	10/12/21 21:33	1
Butyl benzyl phthalate	ND		1.6	0.39	ug/L		10/11/21 08:49	10/12/21 21:33	1
Chrysene	ND		0.16	0.055	ug/L		10/11/21 08:49	10/12/21 21:33	1
Dibenz(a,h)anthracene	ND		0.24	0.041	ug/L		10/11/21 08:49	10/12/21 21:33	1
Dibenzofuran	ND		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 21:33	1
Diethyl phthalate	ND		4.1	0.29	ug/L		10/11/21 08:49	10/12/21 21:33	1
Dimethyl phthalate	ND		4.1	0.25	ug/L		10/11/21 08:49	10/12/21 21:33	1
Di-n-butyl phthalate	ND		4.1	0.59	ug/L		10/11/21 08:49	10/12/21 21:33	1
Di-n-octyl phthalate	ND		8.1	0.85	ug/L		10/11/21 08:49	10/12/21 21:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 500-206508-12

Date Collected: 10/06/21 14:20

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.81	0.37	ug/L		10/11/21 08:49	10/12/21 21:33	1
Fluorene	ND		0.81	0.20	ug/L		10/11/21 08:49	10/12/21 21:33	1
Hexachlorobenzene	ND		0.41	0.065	ug/L		10/11/21 08:49	10/12/21 21:33	1
Hexachlorobutadiene	ND		4.1	0.42	ug/L		10/11/21 08:49	10/12/21 21:33	1
Hexachlorocyclopentadiene	ND		16	5.2	ug/L		10/11/21 08:49	10/12/21 21:33	1
Hexachloroethane	ND		4.1	0.49	ug/L		10/11/21 08:49	10/12/21 21:33	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.061	ug/L		10/11/21 08:49	10/12/21 21:33	1
Isophorone	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 21:33	1
Nitrobenzene	ND		0.81	0.36	ug/L		10/11/21 08:49	10/12/21 21:33	1
N-Nitrosodi-n-propylamine	ND		0.41	0.12	ug/L		10/11/21 08:49	10/12/21 21:33	1
N-Nitrosodiphenylamine	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 21:33	1
Phenanthrene	ND		0.81	0.24	ug/L		10/11/21 08:49	10/12/21 21:33	1
Phenol	ND		4.1	0.55	ug/L		10/11/21 08:49	10/12/21 21:33	1
Pyrene	ND		0.81	0.35	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,3,4,6-Tetrachlorophenol	ND		4.1	0.61	ug/L		10/11/21 08:49	10/12/21 21:33	1
2,3,5,6-Tetrachlorophenol	ND		8.1	3.1	ug/L		10/11/21 08:49	10/12/21 21:33	1
1-Methylnaphthalene	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	42		27 - 110	10/11/21 08:49	10/12/21 21:33	1
Phenol-d5 (Surr)	31		20 - 110	10/11/21 08:49	10/12/21 21:33	1
Nitrobenzene-d5 (Surr)	81		36 - 120	10/11/21 08:49	10/12/21 21:33	1
2-Fluorobiphenyl	80		34 - 110	10/11/21 08:49	10/12/21 21:33	1
2,4,6-Tribromophenol (Surr)	106		40 - 145	10/11/21 08:49	10/12/21 21:33	1
Terphenyl-d14 (Surr)	86		40 - 145	10/11/21 08:49	10/12/21 21:33	1

Definitions/Glossary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

QC Association Summary

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

GC/MS Semi VOA

Prep Batch: 622814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206508-1	SUPE-W-18D-100621	Total/NA	Water	3510C	
500-206508-2	SUPE-W-28C-100621	Total/NA	Water	3510C	
500-206508-3	SUPE-EB-01-100621	Total/NA	Water	3510C	
500-206508-4	SUPE-W-04AR2-100621	Total/NA	Water	3510C	
500-206508-5	SUPE-W-30A-100621	Total/NA	Water	3510C	
500-206508-5 - DL	SUPE-W-30A-100621	Total/NA	Water	3510C	
500-206508-6	SUPE-W-10AR2-100621	Total/NA	Water	3510C	
500-206508-6 - DL	SUPE-W-10AR2-100621	Total/NA	Water	3510C	
500-206508-7	SUPE-M-99A-100621	Total/NA	Water	3510C	
500-206508-8	SUPE-W-30C-100621	Total/NA	Water	3510C	
500-206508-9	SUPE-W-06C-100621	Total/NA	Water	3510C	
500-206508-10	SUPE-W-12CR-100621	Total/NA	Water	3510C	
500-206508-11	SUPE-W-12A-100621	Total/NA	Water	3510C	
500-206508-12	SUPE-W-06A-100621	Total/NA	Water	3510C	
MB 500-622814/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-622814/2-A	Lab Control Sample	Total/NA	Water	3510C	
500-206508-9 MS	SUPE-W-06C-100621	Total/NA	Water	3510C	
500-206508-9 MSD	SUPE-W-06C-100621	Total/NA	Water	3510C	

Analysis Batch: 623067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206508-1	SUPE-W-18D-100621	Total/NA	Water	8270D	622814
500-206508-2	SUPE-W-28C-100621	Total/NA	Water	8270D	622814
500-206508-3	SUPE-EB-01-100621	Total/NA	Water	8270D	622814
500-206508-4	SUPE-W-04AR2-100621	Total/NA	Water	8270D	622814
500-206508-5	SUPE-W-30A-100621	Total/NA	Water	8270D	622814
500-206508-6	SUPE-W-10AR2-100621	Total/NA	Water	8270D	622814
500-206508-7	SUPE-M-99A-100621	Total/NA	Water	8270D	622814
500-206508-8	SUPE-W-30C-100621	Total/NA	Water	8270D	622814
500-206508-9	SUPE-W-06C-100621	Total/NA	Water	8270D	622814
500-206508-10	SUPE-W-12CR-100621	Total/NA	Water	8270D	622814
500-206508-11	SUPE-W-12A-100621	Total/NA	Water	8270D	622814
500-206508-12	SUPE-W-06A-100621	Total/NA	Water	8270D	622814
MB 500-622814/1-A	Method Blank	Total/NA	Water	8270D	622814
LCS 500-622814/2-A	Lab Control Sample	Total/NA	Water	8270D	622814
500-206508-9 MS	SUPE-W-06C-100621	Total/NA	Water	8270D	622814
500-206508-9 MSD	SUPE-W-06C-100621	Total/NA	Water	8270D	622814

Analysis Batch: 623192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206508-5 - DL	SUPE-W-30A-100621	Total/NA	Water	8270D	622814
500-206508-6 - DL	SUPE-W-10AR2-100621	Total/NA	Water	8270D	622814

Surrogate Summary

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (27-110)	PHL (20-110)	NBZ (36-120)	FBP (34-110)	TBP (40-145)	TPHL (40-145)
500-206508-1	SUPE-W-18D-100621	44	30	80	74	103	101
500-206508-2	SUPE-W-28C-100621	50	33	87	80	106	99
500-206508-3	SUPE-EB-01-100621	68	42	99	89	106	111
500-206508-4	SUPE-W-04AR2-100621	43	36	77	76	106	93
500-206508-5	SUPE-W-30A-100621	48	36	81	79	110	90
500-206508-6	SUPE-W-10AR2-100621	56	39	80	72	102	91
500-206508-7	SUPE-M-99A-100621	64	48	88	80	108	111
500-206508-8	SUPE-W-30C-100621	59	41	86	84	108	100
500-206508-9	SUPE-W-06C-100621	56	40	81	76	109	100
500-206508-9 MS	SUPE-W-06C-100621	53	40	79	83	104	99
500-206508-9 MSD	SUPE-W-06C-100621	55	40	85	87	102	94
500-206508-10	SUPE-W-12CR-100621	55	37	90	85	109	103
500-206508-11	SUPE-W-12A-100621	38	31	78	70	104	78
500-206508-12	SUPE-W-06A-100621	42	31	81	80	106	86
LCS 500-622814/2-A	Lab Control Sample	78	52	97	99	112	105
MB 500-622814/1-A	Method Blank	84	53	90	87	101	108

Surrogate Legend

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

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: MB 500-622814/1-A
Matrix: Water
Analysis Batch: 623067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 622814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 14:24	1
1,2-Dichlorobenzene	ND		1.6	0.20	ug/L		10/11/21 08:49	10/12/21 14:24	1
1,3-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 14:24	1
1,4-Dichlorobenzene	ND		1.6	0.17	ug/L		10/11/21 08:49	10/12/21 14:24	1
bis(chloroisopropyl) ether	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4,5-Trichlorophenol	ND		8.0	2.1	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4,6-Trichlorophenol	ND		4.0	0.57	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4-Dichlorophenol	ND		8.0	2.1	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4-Dimethylphenol	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4-Dinitrophenol	ND		16	6.9	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,4-Dinitrotoluene	ND		0.80	0.20	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,6-Dinitrotoluene	ND		0.80	0.059	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Chloronaphthalene	ND		1.6	0.19	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Chlorophenol	ND		4.0	0.45	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Methylnaphthalene	ND		1.6	0.052	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Methylphenol	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Nitroaniline	ND		4.0	1.0	ug/L		10/11/21 08:49	10/12/21 14:24	1
2-Nitrophenol	ND		8.0	2.0	ug/L		10/11/21 08:49	10/12/21 14:24	1
3 & 4 Methylphenol	ND		1.6	0.36	ug/L		10/11/21 08:49	10/12/21 14:24	1
3,3'-Dichlorobenzidine	ND		4.0	1.4	ug/L		10/11/21 08:49	10/12/21 14:24	1
3-Nitroaniline	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 14:24	1
4,6-Dinitro-2-methylphenol	ND		16	4.7	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Bromophenyl phenyl ether	ND		4.0	0.43	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Chloro-3-methylphenol	ND		8.0	1.8	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Chloroaniline	ND		8.0	1.6	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Chlorophenyl phenyl ether	ND		4.0	0.51	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Nitroaniline	ND		8.0	1.3	ug/L		10/11/21 08:49	10/12/21 14:24	1
4-Nitrophenol	ND		16	5.9	ug/L		10/11/21 08:49	10/12/21 14:24	1
Acenaphthene	ND		0.80	0.25	ug/L		10/11/21 08:49	10/12/21 14:24	1
Acenaphthylene	ND		0.80	0.21	ug/L		10/11/21 08:49	10/12/21 14:24	1
Anthracene	ND		0.80	0.27	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzo[a]anthracene	ND		0.16	0.045	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzo[a]pyrene	ND		0.16	0.079	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzo[b]fluoranthene	ND		0.16	0.065	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzo[g,h,i]perylene	ND		0.80	0.30	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzo[k]fluoranthene	ND		0.16	0.051	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzoic acid	ND		16	4.6	ug/L		10/11/21 08:49	10/12/21 14:24	1
Benzyl alcohol	ND		16	4.8	ug/L		10/11/21 08:49	10/12/21 14:24	1
Bis(2-chloroethoxy)methane	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 14:24	1
Bis(2-chloroethyl)ether	ND		1.6	0.23	ug/L		10/11/21 08:49	10/12/21 14:24	1
Bis(2-ethylhexyl) phthalate	ND		8.0	1.4	ug/L		10/11/21 08:49	10/12/21 14:24	1
Butyl benzyl phthalate	ND		1.6	0.38	ug/L		10/11/21 08:49	10/12/21 14:24	1
Chrysene	ND		0.16	0.055	ug/L		10/11/21 08:49	10/12/21 14:24	1
Dibenz(a,h)anthracene	ND		0.24	0.041	ug/L		10/11/21 08:49	10/12/21 14:24	1
Dibenzofuran	ND		1.6	0.21	ug/L		10/11/21 08:49	10/12/21 14:24	1
Diethyl phthalate	ND		4.0	0.29	ug/L		10/11/21 08:49	10/12/21 14:24	1
Dimethyl phthalate	ND		4.0	0.25	ug/L		10/11/21 08:49	10/12/21 14:24	1
Di-n-butyl phthalate	ND		4.0	0.58	ug/L		10/11/21 08:49	10/12/21 14:24	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: MB 500-622814/1-A
Matrix: Water
Analysis Batch: 623067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 622814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		8.0	0.84	ug/L		10/11/21 08:49	10/12/21 14:24	1
Fluoranthene	ND		0.80	0.36	ug/L		10/11/21 08:49	10/12/21 14:24	1
Fluorene	ND		0.80	0.20	ug/L		10/11/21 08:49	10/12/21 14:24	1
Hexachlorobenzene	ND		0.40	0.064	ug/L		10/11/21 08:49	10/12/21 14:24	1
Hexachlorobutadiene	ND		4.0	0.41	ug/L		10/11/21 08:49	10/12/21 14:24	1
Hexachlorocyclopentadiene	ND		16	5.1	ug/L		10/11/21 08:49	10/12/21 14:24	1
Hexachloroethane	ND		4.0	0.48	ug/L		10/11/21 08:49	10/12/21 14:24	1
Indeno[1,2,3-cd]pyrene	ND		0.16	0.060	ug/L		10/11/21 08:49	10/12/21 14:24	1
Isophorone	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 14:24	1
Naphthalene	ND		0.80	0.25	ug/L		10/11/21 08:49	10/12/21 14:24	1
Nitrobenzene	ND		0.80	0.36	ug/L		10/11/21 08:49	10/12/21 14:24	1
N-Nitrosodi-n-propylamine	ND		0.40	0.12	ug/L		10/11/21 08:49	10/12/21 14:24	1
N-Nitrosodiphenylamine	ND		1.6	0.30	ug/L		10/11/21 08:49	10/12/21 14:24	1
Phenanthrene	ND		0.80	0.24	ug/L		10/11/21 08:49	10/12/21 14:24	1
Phenol	ND		4.0	0.54	ug/L		10/11/21 08:49	10/12/21 14:24	1
Pyrene	ND		0.80	0.34	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,3,4,6-Tetrachlorophenol	ND		4.0	0.60	ug/L		10/11/21 08:49	10/12/21 14:24	1
2,3,5,6-Tetrachlorophenol	ND		8.0	3.1	ug/L		10/11/21 08:49	10/12/21 14:24	1
1-Methylnaphthalene	ND		1.6	0.24	ug/L		10/11/21 08:49	10/12/21 14:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	84		27 - 110	10/11/21 08:49	10/12/21 14:24	1
Phenol-d5 (Surr)	53		20 - 110	10/11/21 08:49	10/12/21 14:24	1
Nitrobenzene-d5 (Surr)	90		36 - 120	10/11/21 08:49	10/12/21 14:24	1
2-Fluorobiphenyl	87		34 - 110	10/11/21 08:49	10/12/21 14:24	1
2,4,6-Tribromophenol (Surr)	101		40 - 145	10/11/21 08:49	10/12/21 14:24	1
Terphenyl-d14 (Surr)	108		40 - 145	10/11/21 08:49	10/12/21 14:24	1

Lab Sample ID: LCS 500-622814/2-A
Matrix: Water
Analysis Batch: 623067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	21.6		ug/L		68	26 - 110
1,2-Dichlorobenzene	32.0	20.6		ug/L		64	26 - 110
1,3-Dichlorobenzene	32.0	19.8		ug/L		62	22 - 110
1,4-Dichlorobenzene	32.0	19.9		ug/L		62	23 - 110
bis(chloroisopropyl) ether	32.0	18.1		ug/L		57	38 - 140
2,4,5-Trichlorophenol	32.0	33.6		ug/L		105	63 - 124
2,4,6-Trichlorophenol	32.0	30.3		ug/L		95	62 - 121
2,4-Dichlorophenol	32.0	28.8		ug/L		90	58 - 120
2,4-Dimethylphenol	32.0	28.9		ug/L		90	51 - 115
2,4-Dinitrophenol	64.0	48.7		ug/L		76	37 - 130
2,4-Dinitrotoluene	32.0	32.7		ug/L		102	63 - 129
2,6-Dinitrotoluene	32.0	32.2		ug/L		101	63 - 129
2-Chloronaphthalene	32.0	25.0		ug/L		78	39 - 110
2-Chlorophenol	32.0	27.0		ug/L		84	59 - 110
2-Methylnaphthalene	32.0	23.3		ug/L		73	34 - 110

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: LCS 500-622814/2-A
Matrix: Water
Analysis Batch: 623067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylphenol	32.0	27.7		ug/L		86	53 - 115
2-Nitroaniline	32.0	29.3		ug/L		91	59 - 138
2-Nitrophenol	32.0	28.3		ug/L		89	59 - 115
3 & 4 Methylphenol	32.0	26.4		ug/L		83	50 - 116
3,3'-Dichlorobenzidine	32.0	30.5		ug/L		95	60 - 132
3-Nitroaniline	32.0	20.8		ug/L		65	47 - 123
4,6-Dinitro-2-methylphenol	64.0	59.4		ug/L		93	50 - 129
4-Bromophenyl phenyl ether	32.0	30.5		ug/L		95	58 - 120
4-Chloro-3-methylphenol	32.0	29.9		ug/L		93	64 - 128
4-Chloroaniline	32.0	26.8		ug/L		84	35 - 128
4-Chlorophenyl phenyl ether	32.0	28.2		ug/L		88	48 - 116
4-Nitroaniline	32.0	23.4		ug/L		73	35 - 110
4-Nitrophenol	64.0	38.0		ug/L		59	20 - 110
Acenaphthene	32.0	27.4		ug/L		86	46 - 110
Acenaphthylene	32.0	27.7		ug/L		87	47 - 113
Anthracene	32.0	31.7		ug/L		99	67 - 118
Benzo[a]anthracene	32.0	30.6		ug/L		96	70 - 126
Benzo[a]pyrene	32.0	31.6		ug/L		99	70 - 135
Benzo[b]fluoranthene	32.0	31.7		ug/L		99	69 - 136
Benzo[g,h,i]perylene	32.0	32.9		ug/L		103	70 - 135
Benzo[k]fluoranthene	32.0	32.2		ug/L		100	70 - 133
Benzoic acid	64.0	32.2		ug/L		50	10 - 112
Benzyl alcohol	32.0	30.1		ug/L		94	46 - 132
Bis(2-chloroethoxy)methane	32.0	29.1		ug/L		91	59 - 118
Bis(2-chloroethyl)ether	32.0	28.2		ug/L		88	54 - 112
Bis(2-ethylhexyl) phthalate	32.0	32.6		ug/L		102	69 - 136
Butyl benzyl phthalate	32.0	31.7		ug/L		99	68 - 135
Chrysene	32.0	31.6		ug/L		99	68 - 129
Dibenz(a,h)anthracene	32.0	33.5		ug/L		105	70 - 134
Dibenzofuran	32.0	28.1		ug/L		88	51 - 110
Diethyl phthalate	32.0	33.8		ug/L		106	62 - 123
Dimethyl phthalate	32.0	32.4		ug/L		101	63 - 122
Di-n-butyl phthalate	32.0	33.1		ug/L		103	69 - 129
Di-n-octyl phthalate	32.0	33.5		ug/L		105	68 - 137
Fluoranthene	32.0	32.7		ug/L		102	68 - 126
Fluorene	32.0	28.7		ug/L		90	53 - 120
Hexachlorobenzene	32.0	31.9		ug/L		100	61 - 126
Hexachlorobutadiene	32.0	22.6		ug/L		70	20 - 100
Hexachlorocyclopentadiene	32.0	20.2		ug/L		63	10 - 105
Hexachloroethane	32.0	20.9		ug/L		65	20 - 100
Indeno[1,2,3-cd]pyrene	32.0	33.0		ug/L		103	65 - 133
Isophorone	32.0	30.3		ug/L		95	54 - 127
Naphthalene	32.0	23.9		ug/L		75	36 - 110
Nitrobenzene	32.0	29.7		ug/L		93	54 - 121
N-Nitrosodi-n-propylamine	32.0	30.8		ug/L		96	47 - 131
N-Nitrosodiphenylamine	32.0	31.0		ug/L		97	66 - 120
Phenanthrene	32.0	31.2		ug/L		97	65 - 120
Phenol	32.0	15.3		ug/L		48	33 - 100
Pyrene	32.0	32.4		ug/L		101	70 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: LCS 500-622814/2-A
Matrix: Water
Analysis Batch: 623067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,4,6-Tetrachlorophenol	32.0	30.5		ug/L		95	44 - 128
1-Methylnaphthalene	32.0	24.4		ug/L		76	38 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	78		27 - 110
Phenol-d5 (Surr)	52		20 - 110
Nitrobenzene-d5 (Surr)	97		36 - 120
2-Fluorobiphenyl	99		34 - 110
2,4,6-Tribromophenol (Surr)	112		40 - 145
Terphenyl-d14 (Surr)	105		40 - 145

Lab Sample ID: 500-206508-9 MS
Matrix: Water
Analysis Batch: 623067

Client Sample ID: SUPE-W-06C-100621
Prep Type: Total/NA
Prep Batch: 622814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		31.9	17.9		ug/L		56	26 - 110
1,2-Dichlorobenzene	ND		31.9	17.7		ug/L		55	26 - 110
1,3-Dichlorobenzene	ND		31.9	17.4		ug/L		55	22 - 110
1,4-Dichlorobenzene	ND		31.9	17.3		ug/L		54	23 - 110
bis(chloroisopropyl) ether	ND		31.9	14.5		ug/L		45	38 - 140
2,4,5-Trichlorophenol	ND		31.9	29.0		ug/L		91	63 - 124
2,4,6-Trichlorophenol	ND		31.9	27.4		ug/L		86	62 - 121
2,4-Dichlorophenol	ND		31.9	24.5		ug/L		77	58 - 120
2,4-Dimethylphenol	ND		31.9	24.7		ug/L		77	51 - 115
2,4-Dinitrophenol	ND		63.9	24.3		ug/L		38	37 - 130
2,4-Dinitrotoluene	ND		31.9	30.4		ug/L		95	63 - 129
2,6-Dinitrotoluene	ND		31.9	30.3		ug/L		95	63 - 129
2-Chloronaphthalene	ND		31.9	19.4		ug/L		61	39 - 110
2-Chlorophenol	ND		31.9	23.9		ug/L		75	59 - 110
2-Methylnaphthalene	ND		31.9	18.5		ug/L		58	34 - 110
2-Methylphenol	ND		31.9	23.3		ug/L		73	53 - 115
2-Nitroaniline	ND		31.9	26.5		ug/L		83	59 - 138
2-Nitrophenol	ND		31.9	24.0		ug/L		75	59 - 115
3 & 4 Methylphenol	ND		31.9	21.8		ug/L		68	50 - 116
3,3'-Dichlorobenzidine	ND		31.9	29.3		ug/L		92	60 - 132
3-Nitroaniline	ND		31.9	21.7		ug/L		68	47 - 123
4,6-Dinitro-2-methylphenol	ND		63.9	34.3		ug/L		54	50 - 129
4-Bromophenyl phenyl ether	ND		31.9	27.7		ug/L		87	58 - 120
4-Chloro-3-methylphenol	ND		31.9	26.0		ug/L		81	64 - 128
4-Chloroaniline	ND		31.9	22.4		ug/L		70	35 - 128
4-Chlorophenyl phenyl ether	ND		31.9	23.7		ug/L		74	48 - 116
4-Nitroaniline	ND		31.9	23.8		ug/L		74	35 - 110
4-Nitrophenol	ND		63.9	34.2		ug/L		54	20 - 110
Acenaphthene	ND		31.9	22.1		ug/L		69	46 - 110
Acenaphthylene	ND		31.9	22.1		ug/L		69	47 - 113
Anthracene	ND		31.9	30.2		ug/L		94	67 - 118
Benzo[a]anthracene	ND		31.9	30.7		ug/L		96	70 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: 500-206508-9 MSD

Matrix: Water

Analysis Batch: 623067

Client Sample ID: SUPE-W-06C-100621

Prep Type: Total/NA

Prep Batch: 622814

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,2,4-Trichlorobenzene	ND		31.9	19.4		ug/L		61	26 - 110	8	20
1,2-Dichlorobenzene	ND		31.9	19.1		ug/L		60	26 - 110	7	20
1,3-Dichlorobenzene	ND		31.9	18.3		ug/L		57	22 - 110	5	20
1,4-Dichlorobenzene	ND		31.9	18.2		ug/L		57	23 - 110	5	20
bis(chloroisopropyl) ether	ND		31.9	15.8		ug/L		50	38 - 140	9	20
2,4,5-Trichlorophenol	ND		31.9	29.5		ug/L		92	63 - 124	2	20
2,4,6-Trichlorophenol	ND		31.9	28.7		ug/L		90	62 - 121	5	20
2,4-Dichlorophenol	ND		31.9	26.3		ug/L		83	58 - 120	7	20
2,4-Dimethylphenol	ND		31.9	25.7		ug/L		81	51 - 115	4	20
2,4-Dinitrophenol	ND		63.8	27.5		ug/L		43	37 - 130	12	20
2,4-Dinitrotoluene	ND		31.9	30.0		ug/L		94	63 - 129	1	20
2,6-Dinitrotoluene	ND		31.9	30.1		ug/L		94	63 - 129	0	20
2-Chloronaphthalene	ND		31.9	20.8		ug/L		65	39 - 110	7	20
2-Chlorophenol	ND		31.9	24.9		ug/L		78	59 - 110	4	20
2-Methylnaphthalene	ND		31.9	19.4		ug/L		61	34 - 110	5	20
2-Methylphenol	ND		31.9	24.1		ug/L		75	53 - 115	3	20
2-Nitroaniline	ND		31.9	26.7		ug/L		84	59 - 138	1	20
2-Nitrophenol	ND		31.9	26.9		ug/L		84	59 - 115	11	20
3 & 4 Methylphenol	ND		31.9	22.1		ug/L		69	50 - 116	2	20
3,3'-Dichlorobenzidine	ND		31.9	28.0		ug/L		88	60 - 132	5	20
3-Nitroaniline	ND		31.9	20.0		ug/L		63	47 - 123	8	20
4,6-Dinitro-2-methylphenol	ND		63.8	40.3		ug/L		63	50 - 129	16	20
4-Bromophenyl phenyl ether	ND		31.9	28.1		ug/L		88	58 - 120	1	20
4-Chloro-3-methylphenol	ND		31.9	27.2		ug/L		85	64 - 128	4	20
4-Chloroaniline	ND		31.9	23.0		ug/L		72	35 - 128	3	20
4-Chlorophenyl phenyl ether	ND		31.9	24.7		ug/L		77	48 - 116	4	20
4-Nitroaniline	ND		31.9	21.8		ug/L		68	35 - 110	9	20
4-Nitrophenol	ND		63.8	32.3		ug/L		51	20 - 110	6	20
Acenaphthene	ND		31.9	23.8		ug/L		75	46 - 110	7	20
Acenaphthylene	ND		31.9	23.9		ug/L		75	47 - 113	8	20
Anthracene	ND		31.9	30.7		ug/L		96	67 - 118	2	20
Benzo[a]anthracene	ND		31.9	29.4		ug/L		92	70 - 126	4	20
Benzo[a]pyrene	ND		31.9	31.2		ug/L		98	70 - 135	5	20
Benzo[b]fluoranthene	ND		31.9	33.5		ug/L		105	69 - 136	7	20
Benzo[g,h,i]perylene	ND		31.9	23.3		ug/L		73	70 - 135	6	20
Benzo[k]fluoranthene	ND		31.9	32.6		ug/L		102	70 - 133	5	20
Benzoic acid	ND		63.8	29.6		ug/L		46	10 - 112	4	20
Benzyl alcohol	ND		31.9	25.1		ug/L		79	46 - 132	0	20
Bis(2-chloroethoxy)methane	ND		31.9	27.3		ug/L		85	59 - 118	8	20
Bis(2-chloroethyl)ether	ND		31.9	21.3		ug/L		67	54 - 112	4	20
Bis(2-ethylhexyl) phthalate	ND		31.9	31.6		ug/L		99	69 - 136	4	20
Butyl benzyl phthalate	ND		31.9	29.5		ug/L		92	68 - 135	5	20
Chrysene	ND		31.9	30.4		ug/L		95	68 - 129	5	20
Dibenz(a,h)anthracene	ND		31.9	26.0		ug/L		81	70 - 134	6	20
Dibenzofuran	ND		31.9	24.6		ug/L		77	51 - 110	6	20
Diethyl phthalate	ND		31.9	30.8		ug/L		96	62 - 123	7	20
Dimethyl phthalate	ND		31.9	30.4		ug/L		95	63 - 122	1	20
Di-n-butyl phthalate	ND		31.9	33.7		ug/L		105	69 - 129	1	20

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

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

Lab Sample ID: 500-206508-9 MSD

Client Sample ID: SUPE-W-06C-100621

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 623067

Prep Batch: 622814

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Di-n-octyl phthalate	ND		31.9	35.9		ug/L		113	68 - 137	2	20
Fluoranthene	ND		31.9	32.5		ug/L		102	68 - 126	3	20
Fluorene	ND		31.9	25.9		ug/L		81	53 - 120	2	20
Hexachlorobenzene	ND		31.9	30.8		ug/L		96	61 - 126	1	20
Hexachlorobutadiene	ND		31.9	18.9		ug/L		59	20 - 100	4	20
Hexachlorocyclopentadiene	ND		31.9	14.3	J	ug/L		45	10 - 105	1	20
Hexachloroethane	ND		31.9	18.3		ug/L		57	20 - 100	4	20
Indeno[1,2,3-cd]pyrene	ND		31.9	25.3		ug/L		79	65 - 133	6	20
Isophorone	ND		31.9	28.4		ug/L		89	54 - 127	7	20
Naphthalene	ND		31.9	20.7		ug/L		65	36 - 110	8	20
Nitrobenzene	ND		31.9	26.1		ug/L		82	54 - 121	7	20
N-Nitrosodi-n-propylamine	ND		31.9	27.2		ug/L		85	47 - 131	4	20
N-Nitrosodiphenylamine	ND		31.9	28.0		ug/L		88	66 - 120	3	20
Phenanthrene	ND		31.9	29.7		ug/L		93	65 - 120	2	20
Phenol	ND		31.9	13.2		ug/L		41	33 - 100	3	20
Pyrene	ND		31.9	29.2		ug/L		91	70 - 126	4	20
2,3,4,6-Tetrachlorophenol	ND		31.9	27.9		ug/L		88	44 - 128	8	20
1-Methylnaphthalene	ND		31.9	20.4		ug/L		64	38 - 110	11	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	55		27 - 110
Phenol-d5 (Surr)	40		20 - 110
Nitrobenzene-d5 (Surr)	85		36 - 120
2-Fluorobiphenyl	87		34 - 110
2,4,6-Tribromophenol (Surr)	102		40 - 145
Terphenyl-d14 (Surr)	94		40 - 145

Lab Chronicle

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-W-18D-100621

Lab Sample ID: 500-206508-1

Date Collected: 10/06/21 09:27

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 17:35	SS	TAL CHI

Client Sample ID: SUPE-W-28C-100621

Lab Sample ID: 500-206508-2

Date Collected: 10/06/21 10:38

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 17:59	SS	TAL CHI

Client Sample ID: SUPE-EB-01-100621

Lab Sample ID: 500-206508-3

Date Collected: 10/06/21 11:15

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 18:22	SS	TAL CHI

Client Sample ID: SUPE-W-04AR2-100621

Lab Sample ID: 500-206508-4

Date Collected: 10/06/21 12:04

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 18:46	SS	TAL CHI

Client Sample ID: SUPE-W-30A-100621

Lab Sample ID: 500-206508-5

Date Collected: 10/06/21 13:20

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 19:10	SS	TAL CHI
Total/NA	Prep	3510C	DL		622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D	DL	10	623192	10/13/21 11:54	SS	TAL CHI

Client Sample ID: SUPE-W-10AR2-100621

Lab Sample ID: 500-206508-6

Date Collected: 10/06/21 14:38

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 19:34	SS	TAL CHI
Total/NA	Prep	3510C	DL		622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D	DL	10	623192	10/13/21 12:19	SS	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Field & Technical Services LLC
 Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Client Sample ID: SUPE-M-99A-100621

Lab Sample ID: 500-206508-7

Date Collected: 10/06/21 20:00

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 19:58	SS	TAL CHI

Client Sample ID: SUPE-W-30C-100621

Lab Sample ID: 500-206508-8

Date Collected: 10/06/21 09:20

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 20:21	SS	TAL CHI

Client Sample ID: SUPE-W-06C-100621

Lab Sample ID: 500-206508-9

Date Collected: 10/06/21 10:20

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 21:57	SS	TAL CHI

Client Sample ID: SUPE-W-12CR-100621

Lab Sample ID: 500-206508-10

Date Collected: 10/06/21 11:47

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 20:45	SS	TAL CHI

Client Sample ID: SUPE-W-12A-100621

Lab Sample ID: 500-206508-11

Date Collected: 10/06/21 12:48

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 21:09	SS	TAL CHI

Client Sample ID: SUPE-W-06A-100621

Lab Sample ID: 500-206508-12

Date Collected: 10/06/21 14:20

Matrix: Water

Date Received: 10/08/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			622814	10/11/21 08:49	DAK	TAL CHI
Total/NA	Analysis	8270D		1	623067	10/12/21 21:33	SS	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Eurofins TestAmerica, Chicago

Accreditation/Certification Summary

Client: Field & Technical Services LLC
Project/Site: Superior, WI Semiannual Groundwater

Job ID: 500-206508-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

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

Analysis Method	Prep Method	Matrix	Analyte
8270D	3510C	Water	2,3,5,6-Tetrachlorophenol





CHAIN OF CUSTODY RECORD/LABORATORY ANALYSIS
REQUEST FORM

REF.# 302009

TestAmerica Duluth SC
269



Ref 210311

Project Name: Superior, WI - 2021 OM&M Program
 Project Number: OM-0556-21
 Laboratory: TACHI
 Shipment Method: Courier
 Program: Superior 2021 2SA Sampling_001

Company: Field & Technical Services
 Address: 200 Third Avenue
 Carnegie, PA 15106
 (412) 279-3363

Client: Beazer East, Inc.
 Contact: hredmond.2006@f-ts.com

500-206508

Sample Date	Sample Time	Matrix	Sample Identification	Analysis	8270D_SVOC (less naphtha)											Notes:				
						Preservative	Total Bottle Count													
10/06/2021	0920	GW	SUPE-W-30C-100621	2	2															
10/06/2021	1020	GW	SUPE-MS/MSD-W-06C-100621	4	4															
10/06/2021	1020	GW	SUPE-W-08C-100621	2	2															
10/06/2021	1147	GW	SUPE-W-12CR-100621	2	2															
10/06/2021	1248	GW	SUPE-W-12A-100621	2	2															
10/06/2021	1420	GW	SUPE-W-06A-100621	2	2															

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Please send to Chicago ^{TA}

Relinquished by:	Received by:	Relinquished by:	Received by:	Turnaround Requirements <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Standard
<i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature: <i>Paula Buckley</i>	
Printed Name: Haley Redmond	Printed Name: Melissa Gascon	Printed Name:	Printed Name: Paula Buckley	
Firm: FTS	Firm:	Firm:	Firm: <i>ERT City 1526</i>	
Date/Time: 10/6/21 1710	Date/Time:	Date/Time:	Date/Time: 10/8/21	

05 → -05

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ORIGIN ID DLHA (715) 394-3674

TESTAMERICA DULUTH SVC
63 E 2ND ST STE 100

SUPERIOR, WI 54980
UNITED STATES US

SHIP DATE: 07OCT2
ACTWGT: 54 LB. AN
GAD: 0669747081306

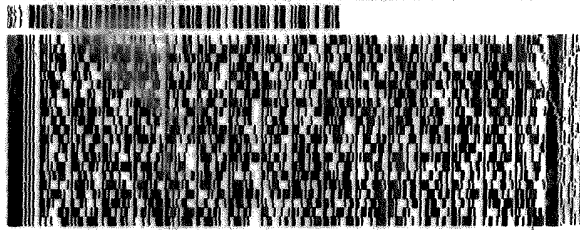
BILL RECEIPT

TO **SAMPLE RECEIVING**
EUROFINS TESTAMERICA CHICAGO
2417 BOND ST

UNIVERSITY PARK IL 60484

(708) 634-6200

REF: FIELD AND TECH. SERV. - BEAZER EAST



FedEx
Express



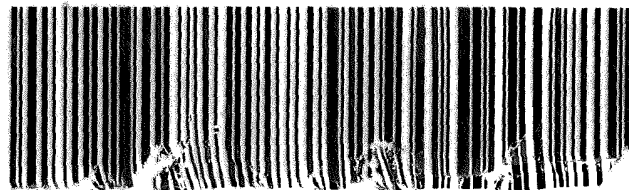
4211020121101111

FRI - 08 OCT 10:30A
PRIORITY OVERNIGHT

TRK# 4546 9354 4556
0201

XH JOTA

6U484
IL-US ORD



500-206508 Wayb

570C2/0778/6F2

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Login Sample Receipt Checklist

Client: Field & Technical Services LLC

Job Number: 500-206508-1

Login Number: 206508

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Buckley, Paula M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	-0.5 samples were not frozen
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX F

ASCII DATA

(C.D.)

