State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
CALUMET VILLAGE			02-08-585360
Address	**City**	**State**	**ZIP Code**
1717 E. CALUMET STREET	APPLETON	WI	54915

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

BRIDGEVIEW ASSOCIATES LLP

Address	City	State	ZIP Code
3305 N BALLARD ROAD SUITE C	APPLETON	WI	54911

Contact Person	Phone Number (include area code)
STEVE WINTER	(920) 733-3214

Person or company that collected samples

UNITED ENGINEERING CONSULTANTS, INC.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	○	○	○
Diesel or Fuel Oil	○	○	○	○
Solvents	○	○	◉	○
Heavy Metals	○	○	○	○
Pesticides	○	○	○	○
Other: _____	○	○	○	○

This sampling event included sampling of a drinking water well.
○ Yes ◉ No

If yes, the sampled drinking water well had detectable contaminants.
○ Yes ○ No

Contaminants in Vapor	Yes	No
Indoor Air	○	○
Sub-slab	○	○
Exterior Soil Gas	○	○

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
UNITED ENGINEERING CONSULTANTS	ANDERSON	NICHOLAS

Address	City	State	ZIP Code
2938 S. 166TH STREET	NEW BERLIN	WI	53151

Phone # (inc. area code)	Email
(262) 785-1447	NAUEC@SBCGLOBAL.NET

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
CAMPOLI	KAREN	(920) 510-4349

Address	City	State	ZIP Code
2984 SHAWANO AVENUE	GREEN BAY	WI	54313

Email
KAREN.CAMPOLI@WISCONSIN.GOV

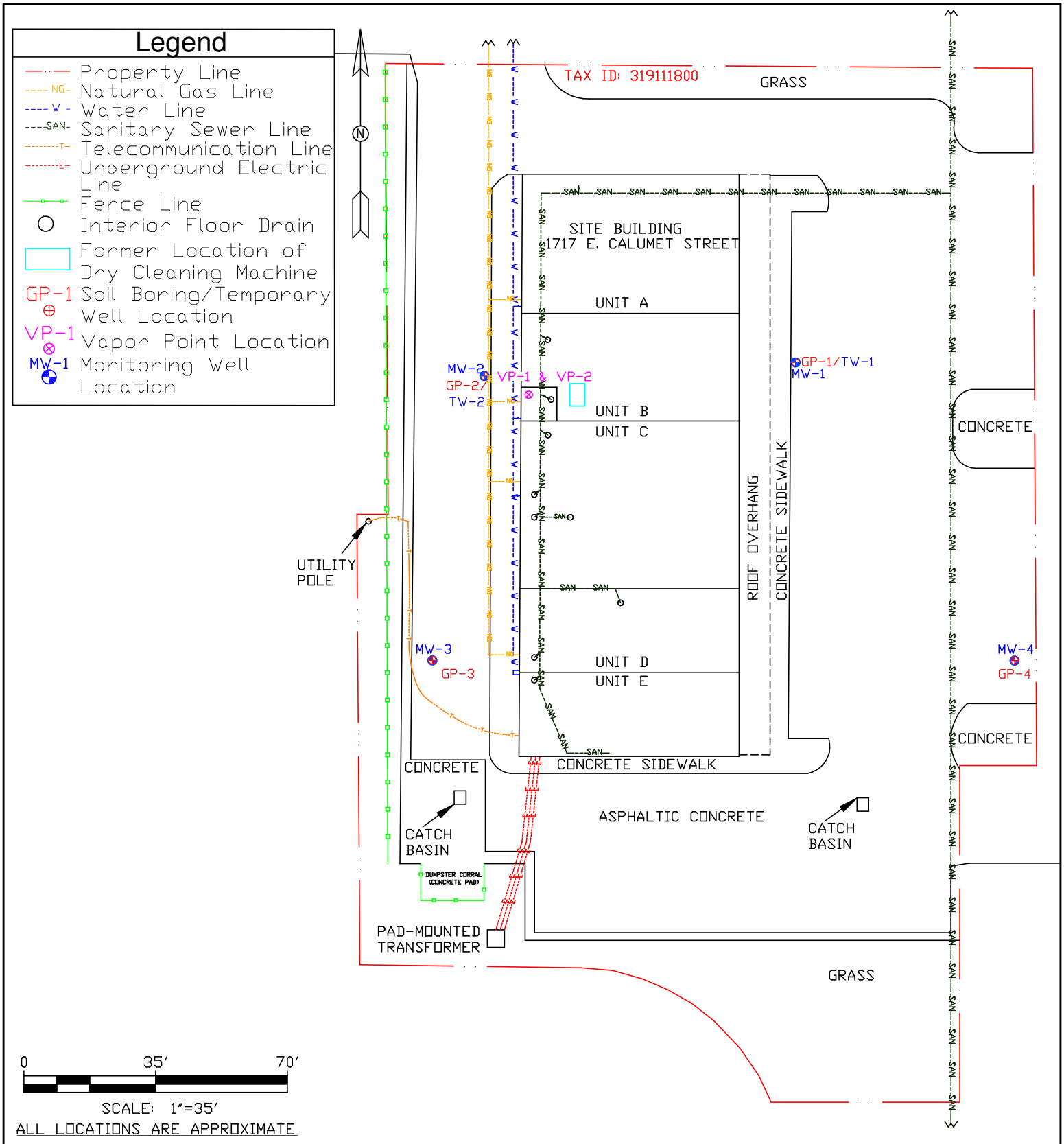

Figure 3: Soil Boring, Monitoring Well and Sub-Slab Vapor Point Location Map

United Engineering Consultants, Inc.

2938 S. 166th Street
New Berlin, WI 53151

Tel. (262) 785-1447
Fax (262) 706-4400

#19044

DRAWN BY: KRH

DATE: 10/21/2020

Site Investigation Report
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Table 2 - VOC Analytical Results - Groundwater
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	MW-1				ES	PAL
	05/15/20	07/08/20	10/23/20	01/08/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)						
Acetone	5.63	3.91J	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259	<0.259	<0.259Q	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	400	80
Chloroform	<0.0397	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.534	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	0.622J*	5	0.5
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	<0.338/ <0.310	<0.338/ <0.310	<0.338 <0.310Q	<0.338/ <0.310	480	96
Toluene	<0.299	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	2000	400

Notes:
All results expressed as µg/L (parts per billion)
ES NR140 Enforcement Standard (Exceedances in **bold**)
PAL NR140 Preventive Action Limit (Exceedances in underline)
- ES/PAL not established for this compound
< Compound not detected at or above the Limit Of Detection (LOD)
J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
Q One or more quality control results were outside of the acceptable limits
S1 The percent recovery is above the limits, but the analyte was not detected in the sample
(R) Replicate sample per NR 716.13(6)c
* Not considered an exceedance per NR 140.14(3)

Table 2 - VOC Analytical Results - Groundwater
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	MW-2							ES	PAL
	04/16/20	4/16/2020(R)	07/08/20	7/8/20(R)	10/23/20	01/08/21	1/8/2021(R)		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)									
Acetone	42.4	19.6J	<3.75	<3.75	<3.75	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	1.5J	<0.259	<0.259	<0.259	<0.259Q	<0.259	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.358	<0.358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	400	80
Chloroform	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.320	<0.320	<0.274	<0.274	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	0.64J	0.650J	2.70	2.56	<0.421	4.04	3.96	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	0.506J	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	11.6J	11.8J	<0.660	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.534	<0.534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	**5.66**	**6.55**	**26.5**	**13.4**	**81.2**	**56.6**	**61.5**	5	0.5
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	<0.338/ <0.310	<0.338/ <0.310	<0.338/ <0.310	<0.338/ <0.310	<0.338 <0.310Q	<0.338/ <0.310	<0.338/ <0.310	480	96
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	2.21	2.62	**12.7**	**8.83**	**26.3**	**21.0**	**22.1**	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	2000	400

Notes: All results expressed as µg/L (parts per billion)

ES NR140 Enforcement Standard (Exceedances in **bold**)

PAL NR140 Preventive Action Limit (Exceedances in underline)

\- ES/PAL not established for this compound

< Compound not detected at or above the Limit Of Detection (LOD)

J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)

Q One or more quality control results were outside of the acceptable limits

S1 The percent recovery is above the limits, but the analyte was not detected in the sample

(R) Replicate sample per NR 716.13(6)c

* Not considered an exceedance per NR 140.14(3)

Table 2 - VOC Analytical Results - Groundwater
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	MW-3					ES	PAL
	05/15/20	5/15/20(R)	07/08/20	10/23/20	01/08/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)							
Acetone	<3.75	<3.75	<3.75	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	9.92J	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259	<0.259	<0.259	<0.259Q	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.906	400	80
Chloroform	<0.0397	<0.397	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	<0.660	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	<0.400	<0.400	5	0.5
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	<0.338/ <0.310	<0.338/ <0.310	<0.338/ <0.310	<0.338 <0.310Q	<0.338/ <0.310	480	96
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	2000	400

Notes:
All results expressed as µg/L (parts per billion)

ES — NR140 Enforcement Standard (Exceedances in **bold**)

PAL — NR140 Preventive Action Limit (Exceedances in underline)

\- — ES/PAL not established for this compound

< — Compound not detected at or above the Limit Of Detection (LOD)

J — Analyte detected above LOD and below the Limit Of Quantitation (LOQ)

Q — One or more quality control results were outside of the acceptable limits

S1 — The percent recovery is above the limits, but the analyte was not detected in the sample

(R) — Replicate sample per NR 716.13(6)c

* — Not considered an exceedance per NR 140.14(3)

Table 2 - VOC Analytical Results - Groundwater
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	MW-4			ES	PAL
	10/23/20	10/23/20(R)	01/08/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)					
Acetone	<3.75	12.8J	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259Q	<0.259Q	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<0.906	400	80
Chloroform	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	<0.660	1.39J	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	5	0.5
1,2,4-Trimethylbenzene	0.456J	0.456J	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310Q	<0.310Q	<0.310		
Toluene	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	2000	400

Notes: All results expressed as µg/L (parts per billion)

ES NR140 Enforcement Standard (Exceedances in **bold**)

PAL NR140 Preventive Action Limit (Exceedances in underline)

\- ES/PAL not established for this compound

< Compound not detected at or above the Limit Of Detection (LOD)

J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)

Q One or more quality control results were outside of the acceptable limits

S1 The percent recovery is above the limits, but the analyte was not detected in the sample

(R) Replicate sample per NR 716.13(6)c

* Not considered an exceedance per NR 140.14(3)

Environmental Monitoring and Technologies, Inc.

509 N. 3rd Avenue Des Plaines, Illinois 60016 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Analytical Report

Timothy J. Anderson
United Engineering Consultants, Inc.
2938 S. 166th St.
New Berlin, WI 53151

January 20, 2021

Work Order: 21A0355

RE: UEC Analysis
19044

Dear Timothy J. Anderson:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,

Jacoby Jackson
Project Manager
847.967.6666
jjackson@emt.com
Approved for release: 1/20/2021 4:11:23PM

Approved by,

Gerald L. Bagnowski Jr.
Laboratory Special Projects Manager

State of Wisconsin Dept of Natural Resources, Cert No. 999888890

Table of Contents

Environmental Monitoring and Technologies, Inc.

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Sample Summary

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	21A0355-01	Groundwater	01/08/21 13:00	01/11/21 15:10
MW-2	21A0355-02	Groundwater	01/08/21 13:15	01/11/21 15:10
MW-2 Dup.	21A0355-03	Groundwater	01/08/21 13:30	01/11/21 15:10
MW-3	21A0355-04	Groundwater	01/08/21 13:45	01/11/21 15:10
MW-4	21A0355-05	Groundwater	01/08/21 14:00	01/11/21 15:10
Trip Blank	21A0355-06	Groundwater	01/11/21 00:00	01/11/21 15:10

Environmental Monitoring and Technologies, Inc.

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Case Narrative

Client: United Engineering Consultants, Inc. **Date:** 01/20/2021
Project: UEC Analysis
19044
Work Order: 21A0355

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Sample results only relate to the sample(s) received at the laboratory and analytes of interest tested.

Work Order: 21A0355
The samples were received on 01/11/21 15:10. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was:

Cooler	Temp C°
Default Cooler	3.4

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.

GC-MS Volatiles

WDNR_VOC
B1A0442-BSD1 had multiple compounds and RPD results above the laboratory control limits. All LCS and CCV recoveries were within the lab control limits. The sample would normally be re-run, but the reported sample, 21A0355-06, is the trip blank and only one vial was received to be run. All target compounds were non-detected.

B1A0505-BLK1 had a detect of Carbon disulfide above the MDL and below the LOD. All reported samples are non-detected for the compound.

Environmental Monitoring and Technologies, Inc.

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Client Sample Results

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Client Sample ID: MW-1
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:00
Matrix: Groundwater
Lab ID: 21A0355-01

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/19/21 06:45	B1A0505	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/19/21 06:45	B1A0505	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/19/21 06:45	B1A0505	WZZ	1
1,1-Dichloroethane	< 1.94	8.00		ug/L	1.94	01/19/21 06:45	B1A0505	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/19/21 06:45	B1A0505	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/19/21 06:45	B1A0505	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/19/21 06:45	B1A0505	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/19/21 06:45	B1A0505	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/19/21 06:45	B1A0505	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/19/21 06:45	B1A0505	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/19/21 06:45	B1A0505	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/19/21 06:45	B1A0505	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/19/21 06:45	B1A0505	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/19/21 06:45	B1A0505	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/19/21 06:45	B1A0505	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/19/21 06:45	B1A0505	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/19/21 06:45	B1A0505	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/19/21 06:45	B1A0505	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/19/21 06:45	B1A0505	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/19/21 06:45	B1A0505	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/19/21 06:45	B1A0505	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/19/21 06:45	B1A0505	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/19/21 06:45	B1A0505	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/19/21 06:45	B1A0505	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/19/21 06:45	B1A0505	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/19/21 06:45	B1A0505	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/19/21 06:45	B1A0505	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/19/21 06:45	B1A0505	WZZ	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L	0.421	01/19/21 06:45	B1A0505	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/19/21 06:45	B1A0505	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/19/21 06:45	B1A0505	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/19/21 06:45	B1A0505	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/19/21 06:45	B1A0505	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L	0.322	01/19/21 06:45	B1A0505	WZZ	1
Methylene chloride	< 0.358	2.00		ug/L	0.358	01/19/21 06:45	B1A0505	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/19/21 06:45	B1A0505	WZZ	1
o-Xylene	< 0.349	2.00		ug/L	0.349	01/19/21 06:45	B1A0505	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/19/21 06:45	B1A0505	WZZ	1
Tetrachloroethene	**0.622**	2.00	J	ug/L	0.400	01/19/21 06:45	B1A0505	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/19/21 06:45	B1A0505	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L	0.433	01/19/21 06:45	B1A0505	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/19/21 06:45	B1A0505	WZZ	1
Trichloroethene	< 0.439	2.00		ug/L	0.439	01/19/21 06:45	B1A0505	WZZ	1

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Client Sample ID: MW-1
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:00
Matrix: Groundwater
Lab ID: 21A0355-01 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/19/21 06:45	B1A0505	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/19/21 06:45	B1A0505	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/19/21 06:45	B1A0505	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/19/21 06:45	B1A0505	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 106%*	*Limits: 80-135*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 104%*	*Limits: 86-132*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 103%*	*Limits: 80-116*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 101%*	*Limits: 73-120*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 95%*	*Limits: 85-114*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 99%*	*Limits: 88-136*	*01/19/21 06:45*	*B1A0505*	*WZZ*	*1*

Environmental Monitoring and Technologies, Inc.

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Client Sample ID: MW-2
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:15
Matrix: Groundwater
Lab ID: 21A0355-02

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/19/21 06:19	B1A0505	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/19/21 06:19	B1A0505	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/19/21 06:19	B1A0505	WZZ	1
1,1-Dichloroethane	< 1.94	8.00		ug/L	1.94	01/19/21 06:19	B1A0505	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/19/21 06:19	B1A0505	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/19/21 06:19	B1A0505	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/19/21 06:19	B1A0505	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/19/21 06:19	B1A0505	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/19/21 06:19	B1A0505	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/19/21 06:19	B1A0505	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/19/21 06:19	B1A0505	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/19/21 06:19	B1A0505	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/19/21 06:19	B1A0505	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/19/21 06:19	B1A0505	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/19/21 06:19	B1A0505	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/19/21 06:19	B1A0505	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/19/21 06:19	B1A0505	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/19/21 06:19	B1A0505	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/19/21 06:19	B1A0505	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/19/21 06:19	B1A0505	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/19/21 06:19	B1A0505	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/19/21 06:19	B1A0505	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/19/21 06:19	B1A0505	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/19/21 06:19	B1A0505	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/19/21 06:19	B1A0505	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/19/21 06:19	B1A0505	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/19/21 06:19	B1A0505	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/19/21 06:19	B1A0505	WZZ	1
cis-1,2-Dichloroethene	**4.04**	2.00		ug/L	0.421	01/19/21 06:19	B1A0505	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/19/21 06:19	B1A0505	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/19/21 06:19	B1A0505	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/19/21 06:19	B1A0505	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/19/21 06:19	B1A0505	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L	0.322	01/19/21 06:19	B1A0505	WZZ	1
Methylene chloride	< 0.358	2.00		ug/L	0.358	01/19/21 06:19	B1A0505	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/19/21 06:19	B1A0505	WZZ	1
o-Xylene	< 0.349	2.00		ug/L	0.349	01/19/21 06:19	B1A0505	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/19/21 06:19	B1A0505	WZZ	1
Tetrachloroethene	**56.6**	2.00		ug/L	0.400	01/19/21 06:19	B1A0505	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/19/21 06:19	B1A0505	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L	0.433	01/19/21 06:19	B1A0505	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/19/21 06:19	B1A0505	WZZ	1
Trichloroethene	**21.0**	2.00		ug/L	0.439	01/19/21 06:19	B1A0505	WZZ	1

Environmental Monitoring and Technologies, Inc.

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis 19044
Work Order: 21A0355

Client Sample ID: MW-2
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:15
Matrix: Groundwater
Lab ID: 21A0355-02 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/19/21 06:19	B1A0505	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/19/21 06:19	B1A0505	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/19/21 06:19	B1A0505	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/19/21 06:19	B1A0505	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 101%*	*Limits: 80-135*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 102%*	*Limits: 86-132*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 96%*	*Limits: 80-116*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 98%*	*Limits: 73-120*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 102%*	*Limits: 85-114*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 102%*	*Limits: 88-136*	*01/19/21 06:19*	*B1A0505*	*WZZ*	*1*

Environmental Monitoring and Technologies, Inc.

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis 19044
Work Order: 21A0355

Client Sample ID: MW-2 Dup.
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:30
Matrix: Groundwater
Lab ID: 21A0355-03

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/19/21 05:54	B1A0505	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/19/21 05:54	B1A0505	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/19/21 05:54	B1A0505	WZZ	1
1,1-Dichloroethane	< 1.94	8.00		ug/L	1.94	01/19/21 05:54	B1A0505	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/19/21 05:54	B1A0505	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/19/21 05:54	B1A0505	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/19/21 05:54	B1A0505	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/19/21 05:54	B1A0505	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/19/21 05:54	B1A0505	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/19/21 05:54	B1A0505	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/19/21 05:54	B1A0505	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/19/21 05:54	B1A0505	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/19/21 05:54	B1A0505	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/19/21 05:54	B1A0505	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/19/21 05:54	B1A0505	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/19/21 05:54	B1A0505	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/19/21 05:54	B1A0505	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/19/21 05:54	B1A0505	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/19/21 05:54	B1A0505	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/19/21 05:54	B1A0505	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/19/21 05:54	B1A0505	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/19/21 05:54	B1A0505	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/19/21 05:54	B1A0505	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/19/21 05:54	B1A0505	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/19/21 05:54	B1A0505	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/19/21 05:54	B1A0505	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/19/21 05:54	B1A0505	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/19/21 05:54	B1A0505	WZZ	1
cis-1,2-Dichloroethene	**3.96**	2.00		ug/L	0.421	01/19/21 05:54	B1A0505	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/19/21 05:54	B1A0505	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/19/21 05:54	B1A0505	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/19/21 05:54	B1A0505	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/19/21 05:54	B1A0505	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L	0.322	01/19/21 05:54	B1A0505	WZZ	1
Methylene chloride	< 0.358	2.00		ug/L	0.358	01/19/21 05:54	B1A0505	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/19/21 05:54	B1A0505	WZZ	1
o-Xylene	< 0.349	2.00		ug/L	0.349	01/19/21 05:54	B1A0505	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/19/21 05:54	B1A0505	WZZ	1
Tetrachloroethene	**61.5**	2.00		ug/L	0.400	01/19/21 05:54	B1A0505	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/19/21 05:54	B1A0505	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L	0.433	01/19/21 05:54	B1A0505	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/19/21 05:54	B1A0505	WZZ	1
Trichloroethene	**22.1**	2.00		ug/L	0.439	01/19/21 05:54	B1A0505	WZZ	1

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis 19044
Work Order: 21A0355

Client Sample ID: MW-2 Dup.
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:30
Matrix: Groundwater
Lab ID: 21A0355-03 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/19/21 05:54	B1A0505	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/19/21 05:54	B1A0505	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/19/21 05:54	B1A0505	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/19/21 05:54	B1A0505	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 108%*	*Limits: 80-135*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 109%*	*Limits: 86-132*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 98%*	*Limits: 80-116*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 98%*	*Limits: 73-120*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 98%*	*Limits: 85-114*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 95%*	*Limits: 88-136*	*01/19/21 05:54*	*B1A0505*	*WZZ*	*1*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Client Sample ID: MW-3
Report Date: 01/20/2021
Collection Date: 01/08/2021 13:45
Matrix: Groundwater
Lab ID: 21A0355-04

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/19/21 05:28	B1A0505	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/19/21 05:28	B1A0505	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/19/21 05:28	B1A0505	WZZ	1
1,1-Dichloroethane	< 1.94	8.00		ug/L	1.94	01/19/21 05:28	B1A0505	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/19/21 05:28	B1A0505	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/19/21 05:28	B1A0505	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/19/21 05:28	B1A0505	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/19/21 05:28	B1A0505	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/19/21 05:28	B1A0505	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/19/21 05:28	B1A0505	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/19/21 05:28	B1A0505	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/19/21 05:28	B1A0505	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/19/21 05:28	B1A0505	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/19/21 05:28	B1A0505	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/19/21 05:28	B1A0505	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/19/21 05:28	B1A0505	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/19/21 05:28	B1A0505	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/19/21 05:28	B1A0505	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/19/21 05:28	B1A0505	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/19/21 05:28	B1A0505	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/19/21 05:28	B1A0505	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/19/21 05:28	B1A0505	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/19/21 05:28	B1A0505	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/19/21 05:28	B1A0505	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/19/21 05:28	B1A0505	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/19/21 05:28	B1A0505	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/19/21 05:28	B1A0505	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/19/21 05:28	B1A0505	WZZ	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L	0.421	01/19/21 05:28	B1A0505	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/19/21 05:28	B1A0505	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/19/21 05:28	B1A0505	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/19/21 05:28	B1A0505	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/19/21 05:28	B1A0505	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L	0.322	01/19/21 05:28	B1A0505	WZZ	1
Methylene chloride	< 0.358	2.00		ug/L	0.358	01/19/21 05:28	B1A0505	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/19/21 05:28	B1A0505	WZZ	1
o-Xylene	< 0.349	2.00		ug/L	0.349	01/19/21 05:28	B1A0505	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/19/21 05:28	B1A0505	WZZ	1
Tetrachloroethene	< 0.400	2.00		ug/L	0.400	01/19/21 05:28	B1A0505	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/19/21 05:28	B1A0505	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L	0.433	01/19/21 05:28	B1A0505	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/19/21 05:28	B1A0505	WZZ	1
Trichloroethene	< 0.439	2.00		ug/L	0.439	01/19/21 05:28	B1A0505	WZZ	1

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Client Sample Results

(Continued)

Client:	United Engineering Consultants, Inc.	**Client Sample ID:**	MW-3
Project:	UEC Analysis 19044	**Report Date:**	01/20/2021
		Collection Date:	01/08/2021 13:45
Work Order:	21A0355	**Matrix:**	Groundwater
		Lab ID:	21A0355-04 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/19/21 05:28	B1A0505	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/19/21 05:28	B1A0505	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/19/21 05:28	B1A0505	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/19/21 05:28	B1A0505	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 103%*	*Limits: 80-135*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 102%*	*Limits: 86-132*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 99%*	*Limits: 80-116*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 99%*	*Limits: 73-120*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 107%*	*Limits: 85-114*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 101%*	*Limits: 88-136*	*01/19/21 05:28*	*B1A0505*	*WZZ*	*1*

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Client Sample Results

(Continued)

Client:	United Engineering Consultants, Inc.	**Client Sample ID:**	MW-4
Project:	UEC Analysis 19044	**Report Date:**	01/20/2021
		Collection Date:	01/08/2021 14:00
Work Order:	21A0355	**Matrix:**	Groundwater
		Lab ID:	21A0355-05

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/19/21 05:02	B1A0505	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/19/21 05:02	B1A0505	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/19/21 05:02	B1A0505	WZZ	1
1,1-Dichloroethane	< 1.94	8.00		ug/L	1.94	01/19/21 05:02	B1A0505	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/19/21 05:02	B1A0505	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/19/21 05:02	B1A0505	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/19/21 05:02	B1A0505	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/19/21 05:02	B1A0505	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/19/21 05:02	B1A0505	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/19/21 05:02	B1A0505	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/19/21 05:02	B1A0505	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/19/21 05:02	B1A0505	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/19/21 05:02	B1A0505	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/19/21 05:02	B1A0505	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/19/21 05:02	B1A0505	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/19/21 05:02	B1A0505	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/19/21 05:02	B1A0505	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/19/21 05:02	B1A0505	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/19/21 05:02	B1A0505	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/19/21 05:02	B1A0505	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/19/21 05:02	B1A0505	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/19/21 05:02	B1A0505	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/19/21 05:02	B1A0505	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/19/21 05:02	B1A0505	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/19/21 05:02	B1A0505	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/19/21 05:02	B1A0505	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/19/21 05:02	B1A0505	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/19/21 05:02	B1A0505	WZZ	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L	0.421	01/19/21 05:02	B1A0505	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/19/21 05:02	B1A0505	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/19/21 05:02	B1A0505	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/19/21 05:02	B1A0505	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/19/21 05:02	B1A0505	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L	0.322	01/19/21 05:02	B1A0505	WZZ	1
Methylene chloride	< 0.358	2.00		ug/L	0.358	01/19/21 05:02	B1A0505	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/19/21 05:02	B1A0505	WZZ	1
o-Xylene	< 0.349	2.00		ug/L	0.349	01/19/21 05:02	B1A0505	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/19/21 05:02	B1A0505	WZZ	1
Tetrachloroethene	< 0.400	2.00		ug/L	0.400	01/19/21 05:02	B1A0505	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/19/21 05:02	B1A0505	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L	0.433	01/19/21 05:02	B1A0505	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/19/21 05:02	B1A0505	WZZ	1
Trichloroethene	< 0.439	2.00		ug/L	0.439	01/19/21 05:02	B1A0505	WZZ	1

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis 19044
Work Order: 21A0355

Client Sample ID: MW-4
Report Date: 01/20/2021
Collection Date: 01/08/2021 14:00
Matrix: Groundwater
Lab ID: 21A0355-05 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/19/21 05:02	B1A0505	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/19/21 05:02	B1A0505	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/19/21 05:02	B1A0505	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/19/21 05:02	B1A0505	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 103%*	*Limits: 80-135*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 104%*	*Limits: 86-132*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 100%*	*Limits: 80-116*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 100%*	*Limits: 73-120*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 100%*	*Limits: 85-114*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 100%*	*Limits: 88-136*	*01/19/21 05:02*	*B1A0505*	*WZZ*	*1*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Client Sample ID: Trip Blank
Report Date: 01/20/2021
Collection Date: 01/11/2021 00:00
Matrix: Groundwater
Lab ID: 21A0355-06

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030									
1,1,1-Trichloroethane	< 0.349	2.00		ug/L	0.349	01/15/21 02:51	B1A0442	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L	0.291	01/15/21 02:51	B1A0442	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L	0.264	01/15/21 02:51	B1A0442	WZZ	1
1,1-Dichloroethane	< 1.94	8.00	Q, S1	ug/L	1.94	01/15/21 02:51	B1A0442	WZZ	1
1,1-Dichloroethene	< 1.02	4.00		ug/L	1.02	01/15/21 02:51	B1A0442	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L	0.338	01/15/21 02:51	B1A0442	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L	0.488	01/15/21 02:51	B1A0442	WZZ	1
1,2-Dibromoethane	< 0.320	2.00		ug/L	0.320	01/15/21 02:51	B1A0442	WZZ	1
1,2-Dichloroethane	< 0.274	2.00		ug/L	0.274	01/15/21 02:51	B1A0442	WZZ	1
1,2-Dichloropropane	< 1.11	4.00		ug/L	1.11	01/15/21 02:51	B1A0442	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L	0.310	01/15/21 02:51	B1A0442	WZZ	1
1-Butanol	< 6.69	90.0		ug/L	6.69	01/15/21 02:51	B1A0442	WZZ	1
2-Butanone	< 1.38	8.00		ug/L	1.38	01/15/21 02:51	B1A0442	WZZ	1
2-Hexanone	< 1.04	8.00		ug/L	1.04	01/15/21 02:51	B1A0442	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L	0.660	01/15/21 02:51	B1A0442	WZZ	1
Acetone	< 3.75	28.0		ug/L	3.75	01/15/21 02:51	B1A0442	WZZ	1
Acrolein	< 6.63	20.0		ug/L	6.63	01/15/21 02:51	B1A0442	WZZ	1
Acrylonitrile	< 0.742	4.00		ug/L	0.742	01/15/21 02:51	B1A0442	WZZ	1
Benzene	< 0.370	2.00		ug/L	0.370	01/15/21 02:51	B1A0442	WZZ	1
Bromodichloromethane	< 0.310	2.00		ug/L	0.310	01/15/21 02:51	B1A0442	WZZ	1
Bromoform	< 0.254	2.00		ug/L	0.254	01/15/21 02:51	B1A0442	WZZ	1
Bromomethane	< 3.30	20.0		ug/L	3.30	01/15/21 02:51	B1A0442	WZZ	1
Carbon disulfide	< 0.259	2.00		ug/L	0.259	01/15/21 02:51	B1A0442	WZZ	1
Carbon tetrachloride	< 0.390	2.00		ug/L	0.390	01/15/21 02:51	B1A0442	WZZ	1
Chlorobenzene	< 0.358	2.00		ug/L	0.358	01/15/21 02:51	B1A0442	WZZ	1
Chloroethane	< 0.906	4.00		ug/L	0.906	01/15/21 02:51	B1A0442	WZZ	1
Chloroform	< 0.397	2.00		ug/L	0.397	01/15/21 02:51	B1A0442	WZZ	1
Chloromethane	< 2.23	8.00		ug/L	2.23	01/15/21 02:51	B1A0442	WZZ	1
cis-1,2-Dichloroethene	< 0.421	2.00	Q, S1	ug/L	0.421	01/15/21 02:51	B1A0442	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L	0.278	01/15/21 02:51	B1A0442	WZZ	1
Dibromochloromethane	< 0.492	2.00		ug/L	0.492	01/15/21 02:51	B1A0442	WZZ	1
Ethylbenzene	< 0.431	2.00		ug/L	0.431	01/15/21 02:51	B1A0442	WZZ	1
m,p-Xylene	< 0.310	4.00		ug/L	0.310	01/15/21 02:51	B1A0442	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00	Q, S1	ug/L	0.322	01/15/21 02:51	B1A0442	WZZ	1
Methylene chloride	< 0.358	2.00	Q, S1	ug/L	0.358	01/15/21 02:51	B1A0442	WZZ	1
Naphthalene	< 0.377	2.00		ug/L	0.377	01/15/21 02:51	B1A0442	WZZ	1
o-Xylene	< 0.349	2.00	Q	ug/L	0.349	01/15/21 02:51	B1A0442	WZZ	1
Styrene	< 0.534	4.00		ug/L	0.534	01/15/21 02:51	B1A0442	WZZ	1
Tetrachloroethene	< 0.400	2.00		ug/L	0.400	01/15/21 02:51	B1A0442	WZZ	1
Toluene	< 0.299	2.00		ug/L	0.299	01/15/21 02:51	B1A0442	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00	Q, S1	ug/L	0.433	01/15/21 02:51	B1A0442	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L	0.314	01/15/21 02:51	B1A0442	WZZ	1
Trichloroethene	< 0.439	2.00		ug/L	0.439	01/15/21 02:51	B1A0442	WZZ	1

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis 19044
Work Order: 21A0355

Client Sample ID: Trip Blank
Report Date: 01/20/2021
Collection Date: 01/11/2021 00:00
Matrix: Groundwater
Lab ID: 21A0355-06 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl acetate	< 1.01	8.00		ug/L	1.01	01/15/21 02:51	B1A0442	WZZ	1
Vinyl chloride	< 0.316	2.00		ug/L	0.316	01/15/21 02:51	B1A0442	WZZ	1
Xylenes, Total	< 0.660	6.00		ug/L	0.660	01/15/21 02:51	B1A0442	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00		ug/L	0.592	01/15/21 02:51	B1A0442	WZZ	1
Surrogate: Dibromofluoromethane				*Recovery: 100%*	*Limits: 80-135*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 100%*	*Limits: 86-132*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*
Surrogate: Fluorobenzene				*Recovery: 101%*	*Limits: 80-116*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*
Surrogate: Toluene-d8				*Recovery: 98%*	*Limits: 73-120*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*
Surrogate: 4-Bromofluorobenzene				*Recovery: 102%*	*Limits: 85-114*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 102%*	*Limits: 88-136*	*01/15/21 02:51*	*B1A0442*	*WZZ*	*1*

Environmental Monitoring and Technologies, Inc.

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Dates Report

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
21A0355-01	MW-1	01/08/21	Groundwater	Volatile Organic Compounds (WDNR) by GC/MS		01/18/21 19:22	01/19/21 06:45	B1A0505	S1A0201
21A0355-02	MW-2	01/08/21		Volatile Organic Compounds (WDNR) by GC/MS		01/18/21 19:22	01/19/21 06:19		
21A0355-03	MW-2 Dup.	01/08/21		Volatile Organic Compounds (WDNR) by GC/MS		01/18/21 19:22	01/19/21 05:54		
21A0355-04	MW-3	01/08/21		Volatile Organic Compounds (WDNR) by GC/MS		01/18/21 19:22	01/19/21 05:28		
21A0355-05	MW-4	01/08/21		Volatile Organic Compounds (WDNR) by GC/MS		01/18/21 19:22	01/19/21 05:02		
21A0355-06	Trip Blank	01/11/21		Volatile Organic Compounds (WDNR) by GC/MS		01/14/21 17:02	01/15/21 02:51	B1A0442	S1A0181

Environmental Monitoring and Technologies, Inc.

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Quality Control

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0442 - SW5030											
Blank (B1A0442-BLK1)				*Prepared: 01/14/2021 17:02 Analyzed: 01/14/2021 23:23*							
1,1,1-Trichloroethane	< 0.349	2.00	ug/L								1
1,1,2,2-Tetrachloroethane	< 0.291	2.00	ug/L								1
1,1,2-Trichloroethane	< 0.264	2.00	ug/L								1
1,1-Dichloroethane	< 1.94	8.00	ug/L								1
1,1-Dichloroethene	< 1.02	4.00	ug/L								1
1,2,4-Trimethylbenzene	< 0.338	2.00	ug/L								1
1,2-Dibromo-3-chloropropane	< 0.488	2.00	ug/L								1
1,2-Dibromoethane	< 0.320	2.00	ug/L								1
1,2-Dichloroethane	< 0.274	2.00	ug/L								1
1,2-Dichloropropane	< 1.11	4.00	ug/L								1
1,3,5-Trimethylbenzene	< 0.310	2.00	ug/L								1
1-Butanol	< 6.69	90.0	ug/L								1
2-Butanone	< 1.38	8.00	ug/L								1
2-Hexanone	< 1.04	8.00	ug/L								1
4-Methyl-2-pentanone	< 0.660	28.0	ug/L								1
Acetone	< 3.75	28.0	ug/L								1
Acrolein	< 6.63	20.0	ug/L								1
Acrylonitrile	< 0.742	4.00	ug/L								1
Benzene	< 0.370	2.00	ug/L								1
Bromodichloromethane	< 0.310	2.00	ug/L								1
Bromoform	< 0.254	2.00	ug/L								1
Bromomethane	< 3.30	20.0	ug/L								1
Carbon disulfide	< 0.259	2.00	ug/L								1
Carbon tetrachloride	< 0.390	2.00	ug/L								1
Chlorobenzene	< 0.358	2.00	ug/L								1
Chloroethane	< 0.906	4.00	ug/L								1
Chloroform	< 0.397	2.00	ug/L								1
Chloromethane	< 2.23	8.00	ug/L								1
cis-1,2-Dichloroethene	< 0.421	2.00	ug/L								1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L								1
Dibromochloromethane	< 0.492	2.00	ug/L								1
Ethylbenzene	< 0.431	2.00	ug/L								1
m,p-Xylene	< 0.310	4.00	ug/L								1
Methyl tert-butyl ether	< 0.322	2.00	ug/L								1
Methylene chloride	< 0.358	2.00	ug/L								1
Naphthalene	< 0.377	2.00	ug/L								1
o-Xylene	< 0.349	2.00	ug/L								1
Styrene	< 0.534	4.00	ug/L								1
Tetrachloroethene	< 0.400	2.00	ug/L								1
Toluene	< 0.299	2.00	ug/L								1
trans-1,2-Dichloroethene	< 0.433	2.00	ug/L								1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L								1

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS

(Continued)

Batch: B1A0442 - SW5030 (Continued)

Blank (B1A0442-BLK1) (Continued) *Prepared: 01/14/2021 17:02 Analyzed: 01/14/2021 23:23*

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Trichloroethene	< 0.439	2.00	ug/L								1
Vinyl acetate	< 1.01	8.00	ug/L								1
Vinyl chloride	< 0.316	2.00	ug/L								1
Xylenes, Total	< 0.660	6.00	ug/L								1
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L								1
Surrogate: Dibromofluoromethane	*20.8*		*ug/L*	*20.00*		*104*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*19.6*		*ug/L*	*20.00*		*98*	*86-132*				*1*
Surrogate: Fluorobenzene	*19.7*		*ug/L*	*20.00*		*98*	*80-116*				*1*
Surrogate: Toluene-d8	*19.4*		*ug/L*	*20.00*		*97*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*10.5*		*ug/L*	*10.00*		*105*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*20.4*		*ug/L*	*20.00*		*102*	*88-136*				*1*

LCS (B1A0442-BS1) *Prepared: 01/14/2021 17:02 Analyzed: 01/14/2021 22:06*

1,1,1-Trichloroethane	50.4	2.00	ug/L	50.00		101	74-131				1
1,1,2,2-Tetrachloroethane	53.2	2.00	ug/L	50.00		106	71-121				1
1,1,2-Trichloroethane	52.6	2.00	ug/L	50.00		105	80-119				1
1,1-Dichloroethane	49.4	8.00	ug/L	50.00		99	77-125				1
1,1-Dichloroethene	47.9	4.00	ug/L	50.00		96	71-131				1
1,2,4-Trimethylbenzene	51.0	2.00	ug/L	50.00		102	76-124				1
1,2-Dibromo-3-chloropropane	51.6	2.00	ug/L	50.00		103	62-128				1
1,2-Dibromoethane	50.6	2.00	ug/L	50.00		101	77-121				1
1,2-Dichloroethane	50.2	2.00	ug/L	50.00		100	73-128				1
1,2-Dichloropropane	51.4	4.00	ug/L	50.00		103	78-122				1
1,3,5-Trimethylbenzene	51.0	2.00	ug/L	50.00		102	75-124				1
1-Butanol	505	90.0	ug/L	500.0		101	70-130				1
2-Butanone	167	8.00	ug/L	175.0		96	56-143				1
2-Hexanone	185	8.00	ug/L	175.0		106	57-139				1
4-Methyl-2-pentanone	189	28.0	ug/L	175.0		108	67-130				1
Acetone	155	28.0	ug/L	175.0		88	39-160				1
Acrolein	130	20.0	ug/L	125.0		104	39-155				1
Acrylonitrile	49.6	4.00	ug/L	50.00		99	63-135				1
Benzene	51.3	2.00	ug/L	50.00		103	79-120				1
Bromodichloromethane	49.2	2.00	ug/L	50.00		98	79-125				1
Bromoform	52.8	2.00	ug/L	50.00		106	66-130				1
Bromomethane	51.8	20.0	ug/L	50.00		104	53-141				1
Carbon disulfide	45.8	2.00	ug/L	50.00		92	64-133				1
Carbon tetrachloride	50.5	2.00	ug/L	50.00		101	72-136				1
Chlorobenzene	49.7	2.00	ug/L	50.00		99	82-118				1
Chloroethane	42.5	4.00	ug/L	50.00		85	60-138				1
Chloroform	40.3	2.00	ug/L	50.00		81	79-124				1
Chloromethane	49.7	8.00	ug/L	50.00		99	50-139				1
cis-1,2-Dichloroethene	46.1	2.00	ug/L	50.00		92	78-123				1

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0442 - SW5030 *(Continued)*											
LCS (B1A0442-BS1) (Continued)				*Prepared: 01/14/2021 17:02*			*Analyzed: 01/14/2021 22:06*				
cis-1,3-Dichloropropene	49.2	2.00	ug/L	50.00		98	75-124				1
Dibromochloromethane	51.3	2.00	ug/L	50.00		103	74-126				1
Ethylbenzene	49.1	2.00	ug/L	50.00		98	79-121				1
m,p-Xylene	103	4.00	ug/L	100.0		103	80-136				1
Methyl tert-butyl ether	47.9	2.00	ug/L	50.00		96	71-124				1
Methylene chloride	50.0	2.00	ug/L	50.00		100	74-124				1
Naphthalene	49.1	2.00	ug/L	50.00		98	61-128				1
o-Xylene	49.5	2.00	ug/L	50.00		99	78-122				1
Styrene	52.4	4.00	ug/L	50.00		105	78-123				1
Tetrachloroethene	47.9	2.00	ug/L	50.00		96	74-129				1
Toluene	48.3	2.00	ug/L	50.00		97	80-133				1
trans-1,2-Dichloroethene	48.8	2.00	ug/L	50.00		98	75-124				1
trans-1,3-Dichloropropene	48.0	2.00	ug/L	50.00		96	73-127				1
Trichloroethene	49.8	2.00	ug/L	50.00		100	79-123				1
Vinyl acetate	42.0	8.00	ug/L	50.00		84	54-146				1
Vinyl chloride	48.2	2.00	ug/L	50.00		96	58-137				1
Xylenes, Total	152	6.00	ug/L	150.0		102	79-121				1
1,3-Dichloropropene, Total	97.2	4.00	ug/L	100.0		97	77-123				1
Surrogate: Dibromofluoromethane	*19.9*		*ug/L*	*20.00*		*99*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*19.2*		*ug/L*	*20.00*		*96*	*86-132*				*1*
Surrogate: Fluorobenzene	*20.4*		*ug/L*	*20.00*		*102*	*80-116*				*1*
Surrogate: Toluene-d8	*19.6*		*ug/L*	*20.00*		*98*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*9.84*		*ug/L*	*10.00*		*98*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*19.7*		*ug/L*	*20.00*		*98*	*88-136*				*1*
LCS Dup (B1A0442-BSD1)				*Prepared: 01/14/2021 17:02*			*Analyzed: 01/14/2021 22:32*				
1,1,1-Trichloroethane	49.8	2.00	ug/L	50.00		100	74-131	1	20		1
1,1,2,2-Tetrachloroethane	40.7	2.00	ug/L	50.00		81	71-121	26	20	P	1
1,1,2-Trichloroethane	55.5	2.00	ug/L	50.00		111	80-119	5	20		1
1,1-Dichloroethane	64.4	8.00	ug/L	50.00		129	77-125	26	20	P, S	1
1,1-Dichloroethene	62.2	4.00	ug/L	50.00		124	71-131	26	20	P	1
1,2,4-Trimethylbenzene	53.0	2.00	ug/L	50.00		106	76-124	4	20		1
1,2-Dibromo-3-chloropropane	49.3	2.00	ug/L	50.00		99	62-128	5	20		1
1,2-Dibromoethane	52.6	2.00	ug/L	50.00		105	77-121	4	20		1
1,2-Dichloroethane	49.1	2.00	ug/L	50.00		98	73-128	2	20		1
1,2-Dichloropropane	54.6	4.00	ug/L	50.00		109	78-122	6	20		1
1,3,5-Trimethylbenzene	51.6	2.00	ug/L	50.00		103	75-124	1	20		1
1-Butanol	465	90.0	ug/L	500.0		93	70-130	8	20		1
2-Butanone	203	8.00	ug/L	175.0		116	56-143	19	20		1
2-Hexanone	173	8.00	ug/L	175.0		99	57-139	6	20		1
4-Methyl-2-pentanone	186	28.0	ug/L	175.0		107	67-130	1	20		1
Acetone	204	28.0	ug/L	175.0		117	39-160	28	20	P	1

Environmental Monitoring and Technologies, Inc.

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0442 - SW5030 *(Continued)*											
LCS Dup (B1A0442-BSD1) (Continued)				*Prepared: 01/14/2021 17:02*			*Analyzed: 01/14/2021 22:32*				
Acrolein	149	20.0	ug/L	125.0		119	39-155	14	20		1
Acrylonitrile	65.0	4.00	ug/L	50.00		130	63-135	27	20	P	1
Benzene	51.7	2.00	ug/L	50.00		103	79-120	0.6	20		1
Bromodichloromethane	51.7	2.00	ug/L	50.00		103	79-125	5	20		1
Bromoform	50.9	2.00	ug/L	50.00		102	66-130	4	20		1
Bromomethane	67.7	20.0	ug/L	50.00		135	53-141	26	20	P	1
Carbon disulfide	62.3	2.00	ug/L	50.00		125	64-133	31	20	P	1
Carbon tetrachloride	49.1	2.00	ug/L	50.00		98	72-136	3	20		1
Chlorobenzene	49.9	2.00	ug/L	50.00		100	82-118	0.5	20		1
Chloroethane	55.9	4.00	ug/L	50.00		112	60-138	27	20	P	1
Chloroform	52.2	2.00	ug/L	50.00		104	79-124	26	20	P	1
Chloromethane	67.5	8.00	ug/L	50.00		135	50-139	30	20	P	1
cis-1,2-Dichloroethene	63.2	2.00	ug/L	50.00		126	78-123	31	20	P, S	1
cis-1,3-Dichloropropene	51.2	2.00	ug/L	50.00		102	75-124	4	20		1
Dibromochloromethane	51.2	2.00	ug/L	50.00		102	74-126	0.1	20		1
Ethylbenzene	49.5	2.00	ug/L	50.00		99	79-121	0.8	20		1
m,p-Xylene	104	4.00	ug/L	100.0		104	80-136	1	20		1
Methyl tert-butyl ether	64.2	2.00	ug/L	50.00		128	71-124	29	20	P, S	1
Methylene chloride	66.9	2.00	ug/L	50.00		134	74-124	29	20	P, S	1
Naphthalene	48.1	2.00	ug/L	50.00		96	61-128	2	20		1
o-Xylene	38.5	2.00	ug/L	50.00		77	78-122	25	20	P, S	1
Styrene	53.4	4.00	ug/L	50.00		107	78-123	2	20		1
Tetrachloroethene	50.8	2.00	ug/L	50.00		102	74-129	6	20		1
Toluene	48.9	2.00	ug/L	50.00		98	80-133	1	20		1
trans-1,2-Dichloroethene	63.8	2.00	ug/L	50.00		128	75-124	27	20	P, S	1
trans-1,3-Dichloropropene	48.7	2.00	ug/L	50.00		97	73-127	2	20		1
Trichloroethene	53.3	2.00	ug/L	50.00		107	79-123	7	20		1
Vinyl acetate	53.4	8.00	ug/L	50.00		107	54-146	24	20	P	1
Vinyl chloride	62.3	2.00	ug/L	50.00		125	58-137	26	20	P	1
Xylenes, Total	143	6.00	ug/L	150.0		95	79-121	7	20		1
1,3-Dichloropropene, Total	99.9	4.00	ug/L	100.0		100	77-123	3	20		1
Surrogate: Dibromofluoromethane	*20.4*		*ug/L*	*20.00*		*102*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*18.7*		*ug/L*	*20.00*		*94*	*86-132*				*1*
Surrogate: Fluorobenzene	*20.6*		*ug/L*	*20.00*		*103*	*80-116*				*1*
Surrogate: Toluene-d8	*20.1*		*ug/L*	*20.00*		*100*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*7.61*		*ug/L*	*10.00*		*76*	*85-114*			*S*	*1*
Surrogate: 1,2-Dichlorobenzene-d4	*19.7*		*ug/L*	*20.00*		*98*	*88-136*				*1*
Batch: B1A0505 - SW5030											
Blank (B1A0505-BLK1)				*Prepared: 01/18/2021 19:22*			*Analyzed: 01/19/2021 00:44*				
1,1,1-Trichloroethane	< 0.349	2.00	ug/L								1

Environmental Monitoring and Technologies, Inc.

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Batch: B1A0505 - SW5030 *(Continued)*

Blank (B1A0505-BLK1) (Continued) *Prepared: 01/18/2021 19:22 Analyzed: 01/19/2021 00:44*

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
1,1,2,2-Tetrachloroethane	< 0.291	2.00	ug/L								1
1,1,2-Trichloroethane	< 0.264	2.00	ug/L								1
1,1-Dichloroethane	< 1.94	8.00	ug/L								1
1,1-Dichloroethene	< 1.02	4.00	ug/L								1
1,2,4-Trimethylbenzene	< 0.338	2.00	ug/L								1
1,2-Dibromo-3-chloropropane	< 0.488	2.00	ug/L								1
1,2-Dibromoethane	< 0.320	2.00	ug/L								1
1,2-Dichloroethane	< 0.274	2.00	ug/L								1
1,2-Dichloropropane	< 1.11	4.00	ug/L								1
1,3,5-Trimethylbenzene	< 0.310	2.00	ug/L								1
1-Butanol	< 6.69	90.0	ug/L								1
2-Butanone	< 1.38	8.00	ug/L								1
2-Hexanone	< 1.04	8.00	ug/L								1
4-Methyl-2-pentanone	< 0.660	28.0	ug/L								1
Acetone	< 3.75	28.0	ug/L								1
Acrolein	< 6.63	20.0	ug/L								1
Acrylonitrile	< 0.742	4.00	ug/L								1
Benzene	< 0.370	2.00	ug/L								1
Bromodichloromethane	< 0.310	2.00	ug/L								1
Bromoform	< 0.254	2.00	ug/L								1
Bromomethane	< 3.30	20.0	ug/L								1
Carbon disulfide	0.314	2.00	ug/L							J	1
Carbon tetrachloride	< 0.390	2.00	ug/L								1
Chlorobenzene	< 0.358	2.00	ug/L								1
Chloroethane	< 0.906	4.00	ug/L								1
Chloroform	< 0.397	2.00	ug/L								1
Chloromethane	< 2.23	8.00	ug/L								1
cis-1,2-Dichloroethene	< 0.421	2.00	ug/L								1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L								1
Dibromochloromethane	< 0.492	2.00	ug/L								1
Ethylbenzene	< 0.431	2.00	ug/L								1
m,p-Xylene	< 0.310	4.00	ug/L								1
Methyl tert-butyl ether	< 0.322	2.00	ug/L								1
Methylene chloride	< 0.358	2.00	ug/L								1
Naphthalene	< 0.377	2.00	ug/L								1
o-Xylene	< 0.349	2.00	ug/L								1
Styrene	< 0.534	4.00	ug/L								1
Tetrachloroethene	< 0.400	2.00	ug/L								1
Toluene	< 0.299	2.00	ug/L								1
trans-1,2-Dichloroethene	< 0.433	2.00	ug/L								1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L								1
Trichloroethene	< 0.439	2.00	ug/L								1

Environmental Monitoring and Technologies, Inc.

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0505 - SW5030 *(Continued)*											
Blank (B1A0505-BLK1) (Continued)				*Prepared: 01/18/2021 19:22*			*Analyzed: 01/19/2021 00:44*				
Vinyl acetate	< 1.01	8.00	ug/L								1
Vinyl chloride	< 0.316	2.00	ug/L								1
Xylenes, Total	< 0.660	6.00	ug/L								1
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L								1
Surrogate: Dibromofluoromethane	*20.4*		*ug/L*	*20.00*		*102*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*20.7*		*ug/L*	*20.00*		*103*	*86-132*				*1*
Surrogate: Fluorobenzene	*19.6*		*ug/L*	*20.00*		*98*	*80-116*				*1*
Surrogate: Toluene-d8	*19.9*		*ug/L*	*20.00*		*100*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*10.0*		*ug/L*	*10.00*		*100*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*20.0*		*ug/L*	*20.00*		*100*	*88-136*				*1*
LCS (B1A0505-BS1)				*Prepared: 01/18/2021 19:22*			*Analyzed: 01/18/2021 23:01*				
1,1,1-Trichloroethane	50.1	2.00	ug/L	50.00		100	74-131				1
1,1,2,2-Tetrachloroethane	51.2	2.00	ug/L	50.00		102	71-121				1
1,1,2-Trichloroethane	51.5	2.00	ug/L	50.00		103	80-119				1
1,1-Dichloroethane	50.2	8.00	ug/L	50.00		100	77-125				1
1,1-Dichloroethene	50.6	4.00	ug/L	50.00		101	71-131				1
1,2,4-Trimethylbenzene	52.9	2.00	ug/L	50.00		106	76-124				1
1,2-Dibromo-3-chloropropane	50.2	2.00	ug/L	50.00		100	62-128				1
1,2-Dibromoethane	50.0	2.00	ug/L	50.00		100	77-121				1
1,2-Dichloroethane	50.2	2.00	ug/L	50.00		100	73-128				1
1,2-Dichloropropane	51.9	4.00	ug/L	50.00		104	78-122				1
1,3,5-Trimethylbenzene	52.0	2.00	ug/L	50.00		104	75-124				1
1-Butanol	489	90.0	ug/L	500.0		98	70-130				1
2-Butanone	182	8.00	ug/L	175.0		104	56-143				1
2-Hexanone	185	8.00	ug/L	175.0		105	57-139				1
4-Methyl-2-pentanone	175	28.0	ug/L	175.0		100	67-130				1
Acetone	174	28.0	ug/L	175.0		100	39-160				1
Acrolein	128	20.0	ug/L	125.0		102	39-155				1
Acrylonitrile	48.2	4.00	ug/L	50.00		96	63-135				1
Benzene	51.6	2.00	ug/L	50.00		103	79-120				1
Bromodichloromethane	52.2	2.00	ug/L	50.00		104	79-125				1
Bromoform	52.0	2.00	ug/L	50.00		104	66-130				1
Bromomethane	54.5	20.0	ug/L	50.00		109	53-141				1
Carbon disulfide	49.7	2.00	ug/L	50.00		99	64-133			B	1
Carbon tetrachloride	50.3	2.00	ug/L	50.00		101	72-136				1
Chlorobenzene	51.8	2.00	ug/L	50.00		104	82-118				1
Chloroethane	44.6	4.00	ug/L	50.00		89	60-138				1
Chloroform	50.3	2.00	ug/L	50.00		101	79-124				1
Chloromethane	53.7	8.00	ug/L	50.00		107	50-139				1
cis-1,2-Dichloroethene	49.0	2.00	ug/L	50.00		98	78-123				1
cis-1,3-Dichloropropene	50.7	2.00	ug/L	50.00		101	75-124				1

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS

(Continued)

Batch: B1A0505 - SW5030 (Continued)

LCS (B1A0505-BS1) (Continued) *Prepared: 01/18/2021 19:22 Analyzed: 01/18/2021 23:01*

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Dibromochloromethane	51.5	2.00	ug/L	50.00		103	74-126				1
Ethylbenzene	47.6	2.00	ug/L	50.00		95	79-121				1
m,p-Xylene	96.4	4.00	ug/L	100.0		96	80-136				1
Methyl tert-butyl ether	50.4	2.00	ug/L	50.00		101	71-124				1
Methylene chloride	52.6	2.00	ug/L	50.00		105	74-124				1
Naphthalene	54.7	2.00	ug/L	50.00		109	61-128				1
o-Xylene	53.1	2.00	ug/L	50.00		106	78-122				1
Styrene	51.7	4.00	ug/L	50.00		103	78-123				1
Tetrachloroethene	50.6	2.00	ug/L	50.00		101	74-129				1
Toluene	47.7	2.00	ug/L	50.00		95	80-133				1
trans-1,2-Dichloroethene	50.5	2.00	ug/L	50.00		101	75-124				1
trans-1,3-Dichloropropene	47.0	2.00	ug/L	50.00		94	73-127				1
Trichloroethene	52.2	2.00	ug/L	50.00		104	79-123				1
Vinyl acetate	45.2	8.00	ug/L	50.00		90	54-146				1
Vinyl chloride	48.0	2.00	ug/L	50.00		96	58-137				1
Xylenes, Total	150	6.00	ug/L	150.0		100	79-121				1
1,3-Dichloropropene, Total	97.8	4.00	ug/L	100.0		98	77-123				1
Surrogate: Dibromofluoromethane	*19.5*		*ug/L*	*20.00*		*97*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*20.0*		*ug/L*	*20.00*		*100*	*86-132*				*1*
Surrogate: Fluorobenzene	*19.6*		*ug/L*	*20.00*		*98*	*80-116*				*1*
Surrogate: Toluene-d8	*19.6*		*ug/L*	*20.00*		*98*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*10.3*		*ug/L*	*10.00*		*103*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*20.5*		*ug/L*	*20.00*		*102*	*88-136*				*1*

Matrix Spike (B1A0505-MS1) **Source: 21A0537-01** *Prepared: 01/18/2021 19:22 Analyzed: 01/18/2021 23:27*

1,1,1-Trichloroethane	49.6	2.00	ug/L	50.00	ND	99	70-130				1
1,1,2,2-Tetrachloroethane	52.6	2.00	ug/L	50.00	ND	105	70-130				1
1,1,2-Trichloroethane	50.4	2.00	ug/L	50.00	ND	101	70-130				1
1,1-Dichloroethane	50.0	8.00	ug/L	50.00	ND	100	70-130				1
1,1-Dichloroethene	51.9	4.00	ug/L	50.00	ND	104	70-130				1
1,2,4-Trimethylbenzene	49.6	2.00	ug/L	50.00	0.391	98	70-130				1
1,2-Dibromo-3-chloropropane	51.0	2.00	ug/L	50.00	ND	102	70-130				1
1,2-Dibromoethane	50.5	2.00	ug/L	50.00	ND	101	70-130				1
1,2-Dichloroethane	50.2	2.00	ug/L	50.00	ND	100	70-130				1
1,2-Dichloropropane	50.1	4.00	ug/L	50.00	ND	100	70-130				1
1,3,5-Trimethylbenzene	48.3	2.00	ug/L	50.00	ND	97	70-130				1
1-Butanol	527	90.0	ug/L	500.0	ND	105	70-130				1
2-Butanone	189	8.00	ug/L	175.0	ND	108	70-130				1
2-Hexanone	191	8.00	ug/L	175.0	ND	109	70-130				1
4-Methyl-2-pentanone	180	28.0	ug/L	175.0	ND	103	70-130				1
Acetone	183	28.0	ug/L	175.0	ND	104	70-130				1
Acrolein	126	20.0	ug/L	125.0	ND	101	70-130				1

Environmental Monitoring and Technologies, Inc.

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0505 - SW5030 *(Continued)*											
Matrix Spike (B1A0505-MS1) (Continued)		**Source: 21A0537-01**		*Prepared: 01/18/2021 19:22*		*Analyzed: 01/18/2021 23:27*					
Acrylonitrile	48.9	4.00	ug/L	50.00	ND	98	70-130				1
Benzene	49.7	2.00	ug/L	50.00	ND	99	70-130				1
Bromodichloromethane	50.6	2.00	ug/L	50.00	ND	101	70-130				1
Bromoform	50.9	2.00	ug/L	50.00	ND	102	70-130				1
Bromomethane	57.9	20.0	ug/L	50.00	ND	116	70-130				1
Carbon disulfide	50.7	2.00	ug/L	50.00	ND	101	70-130			B	1
Carbon tetrachloride	49.3	2.00	ug/L	50.00	3.44	92	70-130				1
Chlorobenzene	51.6	2.00	ug/L	50.00	ND	103	70-130				1
Chloroethane	46.4	4.00	ug/L	50.00	ND	93	70-130				1
Chloroform	50.9	2.00	ug/L	50.00	ND	102	70-130				1
Chloromethane	53.4	8.00	ug/L	50.00	ND	107	70-130				1
cis-1,2-Dichloroethene	49.5	2.00	ug/L	50.00	ND	99	70-130				1
cis-1,3-Dichloropropene	49.4	2.00	ug/L	50.00	ND	99	70-130				1
Dibromochloromethane	51.6	2.00	ug/L	50.00	ND	103	70-130				1
Ethylbenzene	47.7	2.00	ug/L	50.00	ND	95	70-130				1
m,p-Xylene	96.3	4.00	ug/L	100.0	ND	96	70-130				1
Methyl tert-butyl ether	50.5	2.00	ug/L	50.00	ND	101	70-130				1
Methylene chloride	51.7	2.00	ug/L	50.00	ND	103	70-130				1
Naphthalene	53.0	2.00	ug/L	50.00	ND	106	70-130				1
o-Xylene	50.8	2.00	ug/L	50.00	ND	102	70-130				1
Styrene	51.9	4.00	ug/L	50.00	ND	104	70-130				1
Tetrachloroethene	47.9	2.00	ug/L	50.00	ND	96	70-130				1
Toluene	48.4	2.00	ug/L	50.00	ND	97	70-130				1
trans-1,2-Dichloroethene	50.8	2.00	ug/L	50.00	ND	102	70-130				1
trans-1,3-Dichloropropene	47.2	2.00	ug/L	50.00	ND	94	70-130				1
Trichloroethene	50.4	2.00	ug/L	50.00	ND	101	70-130				1
Vinyl acetate	43.5	8.00	ug/L	50.00	ND	87	70-130				1
Vinyl chloride	49.2	2.00	ug/L	50.00	ND	98	70-130				1
Xylenes, Total	147	6.00	ug/L	150.0	ND	98	70-130				1
1,3-Dichloropropene, Total	96.6	4.00	ug/L	100.0	ND	97	70-130				1
Surrogate: Dibromofluoromethane	*20.1*		*ug/L*	*20.00*		*101*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*19.5*		*ug/L*	*20.00*		*97*	*86-132*				*1*
Surrogate: Fluorobenzene	*20.0*		*ug/L*	*20.00*		*100*	*80-116*				*1*
Surrogate: Toluene-d8	*20.3*		*ug/L*	*20.00*		*101*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*10.3*		*ug/L*	*10.00*		*103*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*19.0*		*ug/L*	*20.00*		*95*	*88-136*				*1*
Matrix Spike Dup (B1A0505-MSD1)		**Source: 21A0537-01**		*Prepared: 01/18/2021 19:22*		*Analyzed: 01/18/2021 23:53*					
1,1,1-Trichloroethane	48.4	2.00	ug/L	50.00	ND	97	70-130	2	20		1
1,1,2,2-Tetrachloroethane	50.0	2.00	ug/L	50.00	ND	100	70-130	5	20		1
1,1,2-Trichloroethane	50.9	2.00	ug/L	50.00	ND	102	70-130	1	20		1
1,1-Dichloroethane	48.0	8.00	ug/L	50.00	ND	96	70-130	4	20		1

Environmental Monitoring and Technologies, Inc.

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Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Batch: B1A0505 - SW5030 *(Continued)*

Matrix Spike Dup (B1A0505-MSD1) (Continued) **Source: 21A0537-01** *Prepared: 01/18/2021 19:22 Analyzed: 01/18/2021 23:53*

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
1,1-Dichloroethene	48.4	4.00	ug/L	50.00	ND	97	70-130	7	20		1
1,2,4-Trimethylbenzene	47.9	2.00	ug/L	50.00	0.391	95	70-130	4	20		1
1,2-Dibromo-3-chloropropane	48.5	2.00	ug/L	50.00	ND	97	70-130	5	20		1
1,2-Dibromoethane	50.7	2.00	ug/L	50.00	ND	101	70-130	0.3	20		1
1,2-Dichloroethane	48.6	2.00	ug/L	50.00	ND	97	70-130	3	20		1
1,2-Dichloropropane	50.5	4.00	ug/L	50.00	ND	101	70-130	0.9	20		1
1,3,5-Trimethylbenzene	47.6	2.00	ug/L	50.00	ND	95	70-130	1	20		1
1-Butanol	636	90.0	ug/L	500.0	ND	127	70-130	19	20		1
2-Butanone	179	8.00	ug/L	175.0	ND	102	70-130	5	20		1
2-Hexanone	195	8.00	ug/L	175.0	ND	111	70-130	2	20		1
4-Methyl-2-pentanone	184	28.0	ug/L	175.0	ND	105	70-130	2	20		1
Acetone	174	28.0	ug/L	175.0	ND	99	70-130	5	20		1
Acrolein	126	20.0	ug/L	125.0	ND	101	70-130	0.02	20		1
Acrylonitrile	50.7	4.00	ug/L	50.00	ND	101	70-130	4	20		1
Benzene	50.6	2.00	ug/L	50.00	ND	101	70-130	2	20		1
Bromodichloromethane	50.9	2.00	ug/L	50.00	ND	102	70-130	0.7	20		1
Bromoform	51.6	2.00	ug/L	50.00	ND	103	70-130	1	20		1
Bromomethane	53.3	20.0	ug/L	50.00	ND	107	70-130	8	20		1
Carbon disulfide	48.8	2.00	ug/L	50.00	ND	98	70-130	4	20	B	1
Carbon tetrachloride	50.3	2.00	ug/L	50.00	3.44	94	70-130	2	20		1
Chlorobenzene	51.5	2.00	ug/L	50.00	ND	103	70-130	0.2	20		1
Chloroethane	42.9	4.00	ug/L	50.00	ND	86	70-130	8	20		1
Chloroform	47.8	2.00	ug/L	50.00	ND	96	70-130	6	20		1
Chloromethane	51.6	8.00	ug/L	50.00	ND	103	70-130	3	20		1
cis-1,2-Dichloroethene	47.3	2.00	ug/L	50.00	ND	95	70-130	5	20		1
cis-1,3-Dichloropropene	48.9	2.00	ug/L	50.00	ND	98	70-130	1	20		1
Dibromochloromethane	51.0	2.00	ug/L	50.00	ND	102	70-130	1	20		1
Ethylbenzene	48.5	2.00	ug/L	50.00	ND	97	70-130	2	20		1
m,p-Xylene	96.9	4.00	ug/L	100.0	ND	97	70-130	0.6	20		1
Methyl tert-butyl ether	48.1	2.00	ug/L	50.00	ND	96	70-130	5	20		1
Methylene chloride	50.4	2.00	ug/L	50.00	ND	101	70-130	3	20		1
Naphthalene	51.9	2.00	ug/L	50.00	ND	104	70-130	2	20		1
o-Xylene	48.9	2.00	ug/L	50.00	ND	98	70-130	4	20		1
Styrene	51.7	4.00	ug/L	50.00	ND	103	70-130	0.4	20		1
Tetrachloroethene	46.9	2.00	ug/L	50.00	ND	94	70-130	2	20		1
Toluene	47.9	2.00	ug/L	50.00	ND	96	70-130	0.9	20		1
trans-1,2-Dichloroethene	49.7	2.00	ug/L	50.00	ND	99	70-130	2	20		1
trans-1,3-Dichloropropene	48.3	2.00	ug/L	50.00	ND	97	70-130	2	20		1
Trichloroethene	50.9	2.00	ug/L	50.00	ND	102	70-130	1	20		1
Vinyl acetate	41.4	8.00	ug/L	50.00	ND	83	70-130	5	20		1
Vinyl chloride	48.6	2.00	ug/L	50.00	ND	97	70-130	1	20		1
Xylenes, Total	146	6.00	ug/L	150.0	ND	97	70-130	0.8	20		1

Environmental Monitoring and Technologies, Inc.

509 N. 3rd Avenue Des Plaines, Illinois 60016 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Quality Control
(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21A0355

Report Date: 01/20/2021
Matrix: Water

Volatile Organic Compounds by GC/MS
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B1A0505 - SW5030 *(Continued)*											
Matrix Spike Dup (B1A0505-MSD1) (Continued)			**Source: 21A0537-01**	*Prepared: 01/18/2021 19:22*			*Analyzed: 01/18/2021 23:53*				
1,3-Dichloropropene, Total	97.1	4.00	ug/L	100.0	ND	97	70-130	0.6	20		1
Surrogate: Dibromofluoromethane	*19.4*		*ug/L*	*20.00*		*97*	*80-135*				*1*
Surrogate: 1,2-Dichloroethane-d4	*19.2*		*ug/L*	*20.00*		*96*	*86-132*				*1*
Surrogate: Fluorobenzene	*19.8*		*ug/L*	*20.00*		*99*	*80-116*				*1*
Surrogate: Toluene-d8	*19.6*		*ug/L*	*20.00*		*98*	*73-120*				*1*
Surrogate: 4-Bromofluorobenzene	*9.72*		*ug/L*	*10.00*		*97*	*85-114*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*19.6*		*ug/L*	*20.00*		*98*	*88-136*				*1*

Environmental Monitoring and Technologies, Inc.

509 N. 3rd Avenue Des Plaines, Illinois 60016 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SW-846 8260B/WDNR: PUBL-FW-140 in Water		
1,1,1-Trichloroethane	71-55-6	WDNR
1,1,2,2-Tetrachloroethane	79-34-5	WDNR
1,1,2-Trichloroethane	79-00-5	WDNR
1,1-Dichloroethane	75-34-3	WDNR
1,1-Dichloroethene	75-35-4	WDNR
1,2,4-Trimethylbenzene	95-63-6	WDNR
1,2-Dibromo-3-chloropropane	96-12-8	WDNR
1,2-Dibromoethane	106-93-4	WDNR
1,2-Dichloroethane	107-06-2	WDNR
1,2-Dichloropropane	78-87-5	WDNR
1,3,5-Trimethylbenzene	108-67-8	WDNR
1-Butanol	71-36-3	WDNR
2-Butanone	78-93-3	WDNR
2-Hexanone	591-78-6	WDNR
4-Methyl-2-pentanone	108-10-1	WDNR
Acetone	67-64-1	WDNR
Acrolein	107-02-8	WDNR
Acrylonitrile	107-13-1	WDNR
Benzene	71-43-2	WDNR
Bromodichloromethane	75-27-4	WDNR
Bromoform	75-25-2	WDNR
Bromomethane	74-83-9	WDNR
Carbon disulfide	75-15-0	WDNR
Carbon tetrachloride	56-23-5	WDNR
Chlorobenzene	108-90-7	WDNR
Chloroethane	75-00-3	WDNR
Chloroform	67-66-3	WDNR
Chloromethane	74-87-3	WDNR
cis-1,2-Dichloroethene	156-59-2	WDNR
cis-1,3-Dichloropropene	10061-01-5	WDNR
Dibromochloromethane	124-48-1	WDNR
Ethylbenzene	100-41-4	WDNR
m,p-Xylene	179601-23-1	WDNR
Methyl tert-butyl ether	1634-04-4	WDNR
Methylene chloride	75-09-2	WDNR
Naphthalene	91-20-3	WDNR
o-Xylene	95-47-6	WDNR
Styrene	100-42-5	WDNR
Tetrachloroethene	127-18-4	WDNR
Toluene	108-88-3	WDNR
trans-1,2-Dichloroethene	156-60-5	WDNR

Environmental Monitoring and Technologies, Inc.

509 N. 3rd Avenue Des Plaines, Illinois 60016 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Certified Analyses included in this Report (Continued)

Analyte	CAS #	Certifications
SW-846 8260B/WDNR: PUBL-FW-140 in Water (Continued)		
trans-1,3-Dichloropropene	10061-02-6	WDNR
Trichloroethene	79-01-6	WDNR
Vinyl acetate	108-05-4	WDNR
Vinyl chloride	75-01-4	WDNR
Xylenes, Total	1330-20-7	WDNR
1,3-Dichloropropene, Total	542-75-6	WDNR

List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	17-011	05/31/2022
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L18-184-R1	03/31/2021
DoD	Department of Defense, Accredited by PJLA	L18-183-R3	03/31/2021
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562020-3	07/27/2021
ISO	ISO/IEC 17025, Accredited by PJLA	L18-184-R1	03/31/2021
TX	Texas Commission of Environmental Quality	T104704554-20-5	10/31/2021
WA	Washington State Department of Ecology	C1057	01/05/2021
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2021

Environmental Monitoring and Technologies, Inc.

509 N. 3rd Avenue Des Plaines, Illinois 60016 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

Qualifiers and Definitions

Item	Description
B	Analyte was present in the method blank.
J	The reported result is an estimated value.
P	The quality control sample %RPD is above the laboratory control limit.
Q	One or more quality control results were outside of the acceptance limits (e.g. LCS recovery, surrogate spike recovery, or CCV recovery).
S	The quality control sample recovery is outside of the laboratory control limits.
S1	The percent recovery is above the limits (e.g. LCS recovery, surrogate spike recovery, or CCV recovery), but the analyte was not detected in the sample. Data is acceptable.
%Rec	Percent Recovery
MDL	In the state of Wisconsin MDL is equivalent to LOD; in all other applications MDL is equivalent to MDL.
	In the state of Wisconsin the Reporting Limit is equivalent to LOQ.

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

509 N. 3rd Avenue
Des Plaines, IL 60016

21A0355
PM: Jacoby Jackson
United Engineering Consultants, Inc.
UEC Analysis

847-967-6666
FAX: 847-967-6735
www.emt.com

Record

TURNAROUND TIME:
☐ RUSH
____ day turnaround
☒ ROUTINE

Due Date: ____-____-____ COC #: 248503

Company: UEC INC
Address: 2938 S 166TH ST
NEW BERLIN, WI 53151

Phone #: (262) 785-1447 Fax #: (____) ____-____
P.O. #: ____ Proj.#: ____-____
Client Contact: T. ANDERSON
Project ID / Location: 19044

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other
3. Soil 6. Groundwater ____

Container Type:
P - Plastic V - VOC Vial O - Other
G - Glass B - Tedlar Bag ____

Preservative:
1. None 4. NaOH 7. Zn Ace
2. H_2SO_4 5. HCl 8. Other
3. HNO_3 6. MeOH ____

Analyses

Sample I.D.	Sample Type	Container Size	Container Type	Container No.	Sampling By	Sampling Date	Sampling Time	Sampling pH	Sampling Temp.	Preservation Field	Preservation Lab	VOC	EMT USE ONLY / EMT WORKORDER # 21A0355
MW-1	G	40mL	G	3	KH	1/6/21	1:00	–	–	5		X	01A-C
MW-2	↓	↓	↓	↓	↓	↓	1:15	–	–	↓		X	02A-C
MW-2 Dup.							1:30	–	–			X	03A-C
MW-3							1:45	–	–			X	04A-C
MW-4							2:00	–	–			X	05A-C
TRIP BLANK	↓	↓	↓	1	↓	↓	–	–	–	↓		X	06A

Relinquished By:	Date: 1-11-21	Received By:	Date: 1-11-21	EMT USE ONLY	☒ SAMPLE RECEIVED ON ICE
	Time: 1300		Time: 1300	Client Code:	☐ TEMPERATURE
Relinquished By:	Date: 1-11-21	Received By:	Date: – –	EMT Project I.D.	
	Time: 1510		Time: :		
Relinquished By:	Date: – –	Received For Lab By: Aquiescha Labauve	Date: 01-11-2021	Jar Lot No.	3.4
	Time: :		Time: 1510		EMT SAMPLE RETURN POLICY ON BACK

SPECIAL INSTRUCTIONS:

Table of Contents

Sample Receipt Checklist

Work Order: 21A0355

Printed: 1/11/2021 3:54:47PM

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
Date Due: Wednesday, January 20, 2021

Received By: Agnieszka B. Zabawa
Logged In By: Agnieszka B. Zabawa
Date Received: 01/11/21 15:10
Date Logged In: 01/11/21 15:54

Sample Temperature at Receipt:	3.4°C
How were samples received?	EMT
Custody Seals Present	No
Custody Seals Intact	NA
Sample Containers Intact	Yes
COC Present and Complete	Yes
COC agrees with Sample Labels	Yes
Containers Properly Preserved	Yes
Samples Received Within Holdtime	Yes
Cooler Temp Within Limits	Yes
VOA Water Vials Received	Yes
Vials Contain > Pea Sized Air Bubble	Yes

Client Sample Name	# Vials > Pea Size Bubble
MW-3	2

Comments

ABZ
01/11/2021