

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?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

Contaminants in Vapor

	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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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				

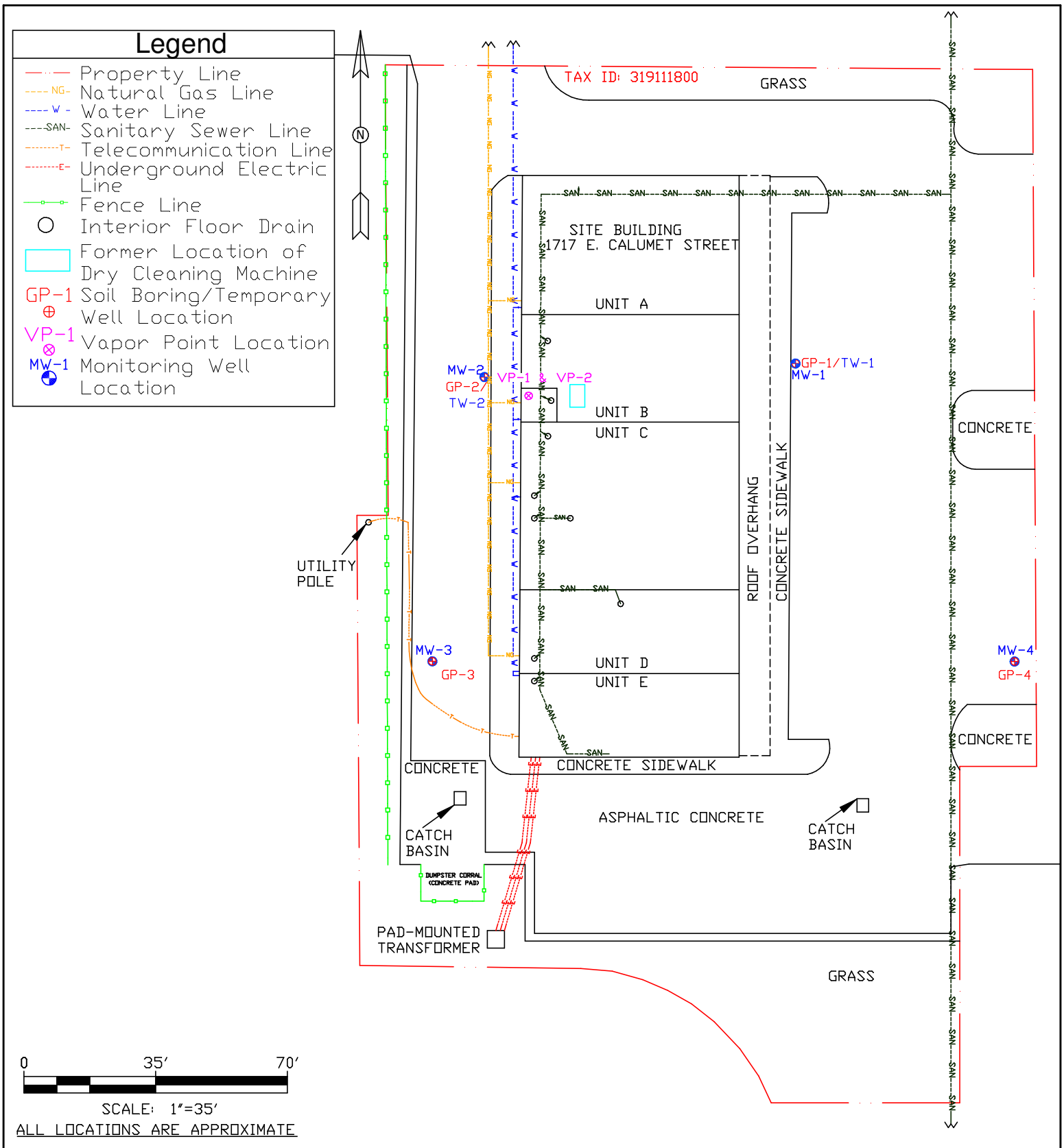


Figure 3: Soil Boring, Monitoring Well and Sub-Slab Vapor Point Location Map

**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	<0.338/	<0.338/	<0.338	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310Q	<0.310		
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	4/16/20(R)	07/08/20	7/08/20(R)	10/23/20	01/08/21	1/8/21(R)	05/26/21	05/26/21(R)	08/25/21	08/25/21(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	<3.75	<3.75	<9.21	<9.21	9000	1800
Acrolein	<6.63	<6.63	<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	<0.742	<0.742	-	-	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.362	<0.362	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.458	<0.458	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.570	<0.570	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<6.07	<6.07	10	1
1-Butanol	<6.69	<6.69	<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	<1.38	<1.38	<4.79	<4.79	-	-
Carbon disulfide	1.5J	<0.259	<0.259	<0.259	<0.259Q	<0.259	<0.259	<0.259	<0.259	<0.739	<0.739	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<3.07	<3.07	5	0.5
Chlorobenzene	<0.358	<0.358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.350	<0.350	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.621	<0.621	400	80
Chloroform	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.450	<0.450	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<1.30	1.36J	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<2.60	<2.60	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.420	<0.420	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<0.190	<0.190	850	85
1,2-Dichloroethane	<0.320	<0.320	<0.274	<0.274	<0.274	<0.274	<0.274	<0.274	<0.274	<0.731	<0.731	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.10	<1.10	7	0.7
cis-1,2-Dichloroethene	0.64J	0.650J	2.70	2.56	<0.421	4.04	3.96	3.76	3.88	5.79	5.73	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	0.506J	<0.433	<0.433	0.469J	<0.433	<0.566	<0.566	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<0.557	<0.557	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.632	<0.632	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<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	<0.431	<0.431	<0.580	<0.580	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<4.74	<4.74	-	-
4-Methyl-2-pentanone	11.6J	11.8J	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<4.40	<4.40	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.838	<0.838	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<4.50	<4.50	5	0.5
Styrene	<0.534	<0.534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<1.17	<1.17	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.706	<0.706	0.2	0.02
Tetrachloroethene	<u>5.66</u>	<u>6.55</u>	<u>26.5</u>	<u>13.4</u>	<u>81.2</u>	<u>56.6</u>	<u>61.5</u>	<u>71.1</u>	<u>81.8</u>	<u>128</u>	<u>114</u>	5	0.5
1,2,4-Trimethylbenzene	<0.338/	<0.338/	<0.338/	<0.338/	<0.338	<0.338/	<0.338/	<0.338/	<0.338/	<0.753/	<0.753/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310	<0.310Q	<0.310	<0.310	<0.310	<0.310	<0.351	<0.351	-	-
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.510	<0.510	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.719	<0.719	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.198	<0.198	5	0.5
Trichloroethene	<u>2.21</u>	<u>2.62</u>	<u>12.7</u>	<u>8.83</u>	<u>26.3</u>	<u>21.0</u>	<u>22.1</u>	<u>21.4</u>	<u>22.9</u>	<u>32.6</u>	<u>31.7</u>	5	0.5
Vinyl acetate	<1.01	<1.01	<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	<0.316	<0.316	<0.582	<0.582	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<1.58	<1.58	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.660	<0.660	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<1.62	<1.62	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	<0.338/	<0.338/	<0.338/	<0.338	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310Q	<0.310		
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	05/26/21	08/25/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)							
Acetone	<3.75	12.8J	<3.75	<3.75	<9.21	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	<0.362	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.458	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.570	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<6.07	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	-	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<4.79	-	-
Carbon disulfide	<0.259Q	<0.259Q	<0.259	<0.259	<0.739	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<3.07	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	<0.0358	<0.350	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.621	400	80
Chloroform	<0.397	<0.397	<0.397	<0.397	<0.450	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	1.41J	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<2.60	0.2	0.02
1,2-Dibromoethane (EDB)	<0.0320	<0.0320	<0.0320	<0.0320	<0.420	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<0.190	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	<0.731	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.10	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<0.421	<0.652	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	<0.566	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<0.557	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.632	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	<0.580	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<4.74	-	-
4-Methyl-2-pentanone	<0.660	1.39J	<0.660	<0.660	<4.40	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.838	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<4.50	5	0.5
Styrene	<0.0534	<0.0534	<0.0534	<0.0534	<1.17	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.706	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	<0.400	<0.646	5	0.5
1,2,4-Trimethylbenzene	0.456J	0.456J	<0.338/	<0.338/	<0.753/	480	96
1,3,5-Trimethylbenzene	<0.310Q	<0.310Q	<0.310	<0.310	<0.351		
Toluene	<0.299	<0.299	<0.299	<0.299	<0.510	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.719	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.198	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	<0.939	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	-	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.582	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<1.58	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.660	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<1.62	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 4 - VOC Analytical Results - Trip Blank

Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	ES	PAL
	11/21/19	04/16/20	05/15/20	07/08/20	10/23/20	01/08/21	08/25/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)									
Acetone	<0.375	<0.375	<3.75	5.07J	<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	10.0J	<6.69	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259	<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	<0.0397	<0.0397	<0.0397	<0.0397	<0.0397	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	<1.94Q,S1	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<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	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421Q,S1	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	<0.433	<0.433Q,S1	<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	<0.278	<0.278	<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	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322Q,S1	<0.322	60	12
Methylene chloride	<0.358	1.19J*	1.59J,B*	1.59J,B*	0.491J	<0.358Q,S1	<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	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	5	0.5
1,2,4-Trimethylbenzene	<0.338	<0.338	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310	<0.310Q	<0.310	<0.310		
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	<0.439	<0.439	<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	<1.01	<1.02	-	-
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	<0.349Q	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.661	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)

B Analyte was present in the method blank

* Not considered an exceedance per NR 140.14(3)

Analytical Report

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

September 02, 2021

Work Order: 21H0963

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.

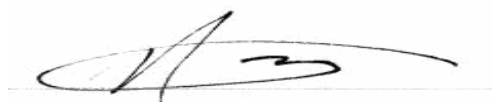
Sincerely,



Jacoby Jackson
Project Manager
847.967.6666
jjackson@emt.com

Approved for release: 9/2/2021 2:54:48PM

Approved by,



Nathan Fey
Laboratory Operations Manager

The contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety. Detection and Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

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

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Sample Summary

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
MW-2	21H0963-01	Groundwater	08/25/21 14:00	08/27/21 12:40
MW-2R	21H0963-02	Groundwater	08/25/21 14:30	08/27/21 12:40
MW-4	21H0963-03	Groundwater	08/25/21 15:00	08/27/21 12:40
Trip Blank	21H0963-04	Water	08/25/21 00:00	08/27/21 12:40

Case Narrative

Client: United Engineering Consultants, Inc.

Date: 09/02/2021

Project: UEC Analysis
19044

Work Order: 21H0963

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

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

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

Work Order: 21H0963

The samples were received on 08/27/21 12:40. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.8

The samples were received in good condition and were properly preserved.

Trip Blanks was logged with 246509 samples (21H0964) but will also be reported with this workorder.

Client Sample Results

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: MW-2
Report Date: 09/02/2021
Collection Date: 08/25/2021 14:00
Matrix: Groundwater
Lab ID: 21H0963-01

Analyses	Result	EMT		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Reporting Limit	Qual							
Volatile Organic Compounds by GC/MS										
Method: SW8260B / SW5030										
1,1,1,2-Tetrachloroethane	< 0.706	4.00		ug/L	0.706	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,1,1-Trichloroethane	< 0.719	4.00		ug/L	0.719	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,1,2,2-Tetrachloroethane	< 0.713	4.00		ug/L	0.713	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,1,2-Trichloroethane	< 0.198	2.00		ug/L	0.198	0.600 08/31/21 01:02	B1H1178	ZM1	1	
1,1-Dichloroethane	< 0.190	2.00		ug/L	0.190	1.00 08/31/21 01:02	B1H1178	ZM1	1	
1,1-Dichloroethene	< 1.10	8.00		ug/L	1.10	4.00 08/31/21 01:02	B1H1178	ZM1	1	
1,1-Dichloropropene	< 2.58	20.0		ug/L	2.58	10.0 08/31/21 01:02	B1H1178	ZM1	1	
1,2,3-Trichlorobenzene	< 2.53	20.0		ug/L	2.53	10.0 08/31/21 01:02	B1H1178	ZM1	1	
1,2,3-Trichloropropane	< 0.598	4.00		ug/L	0.598	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,2,4-Trimethylbenzene	< 0.753	4.00		ug/L	0.753	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,2-Dibromo-3-chloropropane	< 2.60	20.0		ug/L	2.60	10.0 08/31/21 01:02	B1H1178	ZM1	1	
1,2-Dibromoethane	< 0.420	2.00		ug/L	0.420	1.00 08/31/21 01:02	B1H1178	ZM1	1	
1,2-Dichloroethane	< 0.731	4.00		ug/L	0.731	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,2-Dichloropropane	< 0.557	4.00		ug/L	0.557	2.00 08/31/21 01:02	B1H1178	ZM1	1	
1,3,5-Trimethylbenzene	< 0.351	2.00		ug/L	0.351	1.00 08/31/21 01:02	B1H1178	ZM1	1	
1,3-Dichloropropane	< 0.345	2.00		ug/L	0.345	1.00 08/31/21 01:02	B1H1178	ZM1	1	
2,2-Dichloropropane	< 0.430	4.00		ug/L	0.430	2.00 08/31/21 01:02	B1H1178	ZM1	1	
2-Butanone	< 4.79	28.0		ug/L	4.79	14.0 08/31/21 01:02	B1H1178	ZM1	1	
2-Chlorotoluene	< 0.384	2.00		ug/L	0.384	1.00 08/31/21 01:02	B1H1178	ZM1	1	
2-Hexanone	< 4.74	28.0		ug/L	4.74	14.0 08/31/21 01:02	B1H1178	ZM1	1	
4-Isopropyltoluene	< 0.930	4.00		ug/L	0.930	2.00 08/31/21 01:02	B1H1178	ZM1	1	
4-Methyl-2-pentanone	< 4.40	28.0		ug/L	4.40	14.0 08/31/21 01:02	B1H1178	ZM1	1	
Acetone	< 9.21	70.0		ug/L	9.21	28.0 08/31/21 01:02	B1H1178	ZM1	1	
Benzene	< 0.362	2.00		ug/L	0.362	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Bromobenzene	< 0.354	2.00		ug/L	0.354	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Bromochloromethane	< 0.861	4.00		ug/L	0.861	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Bromodichloromethane	< 0.458	2.00		ug/L	0.458	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Bromoform	< 0.570	4.00		ug/L	0.570	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Bromomethane	< 6.07	40.0		ug/L	6.07	20.0 08/31/21 01:02	B1H1178	ZM1	1	
Carbon disulfide	< 0.739	4.00		ug/L	0.739	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Carbon tetrachloride	< 3.07	20.0		ug/L	3.07	10.0 08/31/21 01:02	B1H1178	ZM1	1	
Chlorobenzene	< 0.350	2.00		ug/L	0.350	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Chloroethane	< 0.621	4.00		ug/L	0.621	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Chloroform	< 0.450	4.00		ug/L	0.450	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Chloromethane	< 1.30	8.00		ug/L	1.30	4.00 08/31/21 01:02	B1H1178	ZM1	1	
cis-1,2-Dichloroethene	5.79	4.00		ug/L	0.652	2.00 08/31/21 01:02	B1H1178	ZM1	1	
cis-1,3-Dichloropropene	< 0.408	4.00		ug/L	0.408	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Cyclohexane	< 1.97	10.0		ug/L	1.97	5.00 08/31/21 01:02	B1H1178	ZM1	1	
Dibromochloromethane	< 0.632	4.00		ug/L	0.632	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Dibromomethane	< 0.390	2.00		ug/L	0.390	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Dichlorodifluoromethane	2.10	2.00		ug/L	0.425	1.00 08/31/21 01:02	B1H1178	ZM1	1	
Ethylbenzene	< 0.580	4.00		ug/L	0.580	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Isopropylbenzene	< 1.53	10.0		ug/L	1.53	5.00 08/31/21 01:02	B1H1178	ZM1	1	
m,p-Xylene	< 1.58	8.00		ug/L	1.58	4.00 08/31/21 01:02	B1H1178	ZM1	1	
Methyl tert-butyl ether	< 0.838	4.00		ug/L	0.838	2.00 08/31/21 01:02	B1H1178	ZM1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: MW-2
Report Date: 09/02/2021
Collection Date: 08/25/2021 14:00
Matrix: Groundwater
Lab ID: 21H0963-01 (Continued)

Analyses	Result	EMT Reporting		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW8260B / SW5030 (Continued)										
Methylene chloride	< 4.50	20.0		ug/L	4.50	10.0 08/31/21 01:02	B1H1178	ZM1	1	
n-Butylbenzene	< 2.11	10.0		ug/L	2.11	5.00 08/31/21 01:02	B1H1178	ZM1	1	
n-Propylbenzene	< 0.780	4.00		ug/L	0.780	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Naphthalene	< 4.82	20.0	Q, S1	ug/L	4.82	10.0 08/31/21 01:02	B1H1178	ZM1	1	
o-Xylene	< 0.660	4.00		ug/L	0.660	2.00 08/31/21 01:02	B1H1178	ZM1	1	
sec-Butylbenzene	< 1.02	4.00		ug/L	1.02	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Styrene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:02	B1H1178	ZM1	1	
tert-Butylbenzene	< 0.800	4.00		ug/L	0.800	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Tetrachloroethene	128	4.00		ug/L	0.646	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Toluene	< 0.510	4.00		ug/L	0.510	2.00 08/31/21 01:02	B1H1178	ZM1	1	
trans-1,2-Dichloroethene	< 0.566	4.00		ug/L	0.566	2.00 08/31/21 01:02	B1H1178	ZM1	1	
trans-1,3-Dichloropropene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:02	B1H1178	ZM1	1	
Trichloroethene	32.6	4.00		ug/L	0.939	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Trichlorofluoromethane	< 1.10	4.00		ug/L	1.10	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Vinyl chloride	< 0.582	4.00		ug/L	0.582	2.00 08/31/21 01:02	B1H1178	ZM1	1	
Xylenes, Total	< 1.62	12.0		ug/L	1.62	6.00 08/31/21 01:02	B1H1178	ZM1	1	
<i>Surrogate: Dibromofluoromethane</i>					Recovery: 100%	Limits: 84-137	08/31/21 01:02	B1H1178	ZM1	1
<i>Surrogate: 1,2-Dichloroethane-d4</i>					Recovery: 97%	Limits: 74-140	08/31/21 01:02	B1H1178	ZM1	1
<i>Surrogate: Fluorobenzene</i>					Recovery: 102%	Limits: 90-105	08/31/21 01:02	B1H1178	ZM1	1
<i>Surrogate: Toluene-d8</i>					Recovery: 98%	Limits: 74-109	08/31/21 01:02	B1H1178	ZM1	1
<i>Surrogate: 4-Bromofluorobenzene</i>					Recovery: 102%	Limits: 86-128	08/31/21 01:02	B1H1178	ZM1	1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>					Recovery: 105%	Limits: 90-128	08/31/21 01:02	B1H1178	ZM1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: MW-2R
Report Date: 09/02/2021
Collection Date: 08/25/2021 14:30
Matrix: Groundwater
Lab ID: 21H0963-02

Analyses	Result	EMT		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Reporting Limit	Qual							
Volatile Organic Compounds by GC/MS										
Method: SW8260B / SW5030										
1,1,1,2-Tetrachloroethane	< 0.706	4.00		ug/L	0.706	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,1,1-Trichloroethane	< 0.719	4.00		ug/L	0.719	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,1,2,2-Tetrachloroethane	< 0.713	4.00		ug/L	0.713	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,1,2-Trichloroethane	< 0.198	2.00		ug/L	0.198	0.600 08/31/21 01:28	B1H1178	ZM1	1	
1,1-Dichloroethane	< 0.190	2.00		ug/L	0.190	1.00 08/31/21 01:28	B1H1178	ZM1	1	
1,1-Dichloroethene	< 1.10	8.00		ug/L	1.10	4.00 08/31/21 01:28	B1H1178	ZM1	1	
1,1-Dichloropropene	< 2.58	20.0		ug/L	2.58	10.0 08/31/21 01:28	B1H1178	ZM1	1	
1,2,3-Trichlorobenzene	< 2.53	20.0		ug/L	2.53	10.0 08/31/21 01:28	B1H1178	ZM1	1	
1,2,3-Trichloropropane	< 0.598	4.00		ug/L	0.598	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,2,4-Trimethylbenzene	< 0.753	4.00		ug/L	0.753	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,2-Dibromo-3-chloropropane	< 2.60	20.0		ug/L	2.60	10.0 08/31/21 01:28	B1H1178	ZM1	1	
1,2-Dibromoethane	< 0.420	2.00		ug/L	0.420	1.00 08/31/21 01:28	B1H1178	ZM1	1	
1,2-Dichloroethane	< 0.731	4.00		ug/L	0.731	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,2-Dichloropropane	< 0.557	4.00		ug/L	0.557	2.00 08/31/21 01:28	B1H1178	ZM1	1	
1,3,5-Trimethylbenzene	< 0.351	2.00		ug/L	0.351	1.00 08/31/21 01:28	B1H1178	ZM1	1	
1,3-Dichloropropane	< 0.345	2.00		ug/L	0.345	1.00 08/31/21 01:28	B1H1178	ZM1	1	
2,2-Dichloropropane	< 0.430	4.00		ug/L	0.430	2.00 08/31/21 01:28	B1H1178	ZM1	1	
2-Butanone	< 4.79	28.0		ug/L	4.79	14.0 08/31/21 01:28	B1H1178	ZM1	1	
2-Chlorotoluene	< 0.384	2.00		ug/L	0.384	1.00 08/31/21 01:28	B1H1178	ZM1	1	
2-Hexanone	< 4.74	28.0		ug/L	4.74	14.0 08/31/21 01:28	B1H1178	ZM1	1	
4-Isopropyltoluene	< 0.930	4.00		ug/L	0.930	2.00 08/31/21 01:28	B1H1178	ZM1	1	
4-Methyl-2-pentanone	< 4.40	28.0		ug/L	4.40	14.0 08/31/21 01:28	B1H1178	ZM1	1	
Acetone	< 9.21	70.0		ug/L	9.21	28.0 08/31/21 01:28	B1H1178	ZM1	1	
Benzene	< 0.362	2.00		ug/L	0.362	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Bromobenzene	< 0.354	2.00		ug/L	0.354	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Bromochloromethane	< 0.861	4.00		ug/L	0.861	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Bromodichloromethane	< 0.458	2.00		ug/L	0.458	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Bromoform	< 0.570	4.00		ug/L	0.570	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Bromomethane	< 6.07	40.0		ug/L	6.07	20.0 08/31/21 01:28	B1H1178	ZM1	1	
Carbon disulfide	< 0.739	4.00		ug/L	0.739	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Carbon tetrachloride	< 3.07	20.0		ug/L	3.07	10.0 08/31/21 01:28	B1H1178	ZM1	1	
Chlorobenzene	< 0.350	2.00		ug/L	0.350	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Chloroethane	< 0.621	4.00		ug/L	0.621	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Chloroform	< 0.450	4.00		ug/L	0.450	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Chloromethane	1.36	8.00	J	ug/L	1.30	4.00 08/31/21 01:28	B1H1178	ZM1	1	
cis-1,2-Dichloroethene	5.73	4.00		ug/L	0.652	2.00 08/31/21 01:28	B1H1178	ZM1	1	
cis-1,3-Dichloropropene	< 0.408	4.00		ug/L	0.408	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Cyclohexane	< 1.97	10.0		ug/L	1.97	5.00 08/31/21 01:28	B1H1178	ZM1	1	
Dibromochloromethane	< 0.632	4.00		ug/L	0.632	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Dibromomethane	< 0.390	2.00		ug/L	0.390	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Dichlorodifluoromethane	2.00	2.00		ug/L	0.425	1.00 08/31/21 01:28	B1H1178	ZM1	1	
Ethylbenzene	< 0.580	4.00		ug/L	0.580	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Isopropylbenzene	< 1.53	10.0		ug/L	1.53	5.00 08/31/21 01:28	B1H1178	ZM1	1	
m,p-Xylene	< 1.58	8.00		ug/L	1.58	4.00 08/31/21 01:28	B1H1178	ZM1	1	
Methyl tert-butyl ether	< 0.838	4.00		ug/L	0.838	2.00 08/31/21 01:28	B1H1178	ZM1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: MW-2R
Report Date: 09/02/2021
Collection Date: 08/25/2021 14:30
Matrix: Groundwater
Lab ID: 21H0963-02 (Continued)

Analyses	Result	EMT Reporting		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW8260B / SW5030 (Continued)										
Methylene chloride	< 4.50	20.0		ug/L	4.50	10.0 08/31/21 01:28	B1H1178	ZM1	1	
n-Butylbenzene	< 2.11	10.0		ug/L	2.11	5.00 08/31/21 01:28	B1H1178	ZM1	1	
n-Propylbenzene	< 0.780	4.00		ug/L	0.780	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Naphthalene	< 4.82	20.0	Q, S1	ug/L	4.82	10.0 08/31/21 01:28	B1H1178	ZM1	1	
o-Xylene	< 0.660	4.00		ug/L	0.660	2.00 08/31/21 01:28	B1H1178	ZM1	1	
sec-Butylbenzene	< 1.02	4.00		ug/L	1.02	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Styrene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:28	B1H1178	ZM1	1	
tert-Butylbenzene	< 0.800	4.00		ug/L	0.800	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Tetrachloroethene	114	4.00		ug/L	0.646	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Toluene	< 0.510	4.00		ug/L	0.510	2.00 08/31/21 01:28	B1H1178	ZM1	1	
trans-1,2-Dichloroethene	< 0.566	4.00		ug/L	0.566	2.00 08/31/21 01:28	B1H1178	ZM1	1	
trans-1,3-Dichloropropene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:28	B1H1178	ZM1	1	
Trichloroethene	31.7	4.00		ug/L	0.939	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Trichlorofluoromethane	< 1.10	4.00		ug/L	1.10	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Vinyl chloride	< 0.582	4.00		ug/L	0.582	2.00 08/31/21 01:28	B1H1178	ZM1	1	
Xylenes, Total	< 1.62	12.0		ug/L	1.62	6.00 08/31/21 01:28	B1H1178	ZM1	1	
<i>Surrogate: Dibromofluoromethane</i>					<i>Recovery: 101%</i>	<i>Limits: 84-137</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>Recovery: 104%</i>	<i>Limits: 74-140</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: Fluorobenzene</i>					<i>Recovery: 102%</i>	<i>Limits: 90-105</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: Toluene-d8</i>					<i>Recovery: 98%</i>	<i>Limits: 74-109</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>Recovery: 106%</i>	<i>Limits: 86-128</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>					<i>Recovery: 101%</i>	<i>Limits: 90-128</i>	<i>08/31/21 01:28</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
19044
Work Order: 21H0963

Client Sample ID: MW-4
Report Date: 09/02/2021
Collection Date: 08/25/2021 15:00
Matrix: Groundwater
Lab ID: 21H0963-03

Analyses	Result	EMT		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Reporting Limit	Qual							
Volatile Organic Compounds by GC/MS										
Method: SW8260B / SW5030										
1,1,1,2-Tetrachloroethane	< 0.706	4.00		ug/L	0.706	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,1,1-Trichloroethane	< 0.719	4.00		ug/L	0.719	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,1,2,2-Tetrachloroethane	< 0.713	4.00		ug/L	0.713	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,1,2-Trichloroethane	< 0.198	2.00		ug/L	0.198	0.600 08/31/21 01:54	B1H1178	ZM1	1	
1,1-Dichloroethane	< 0.190	2.00		ug/L	0.190	1.00 08/31/21 01:54	B1H1178	ZM1	1	
1,1-Dichloroethene	< 1.10	8.00		ug/L	1.10	4.00 08/31/21 01:54	B1H1178	ZM1	1	
1,1-Dichloropropene	< 2.58	20.0		ug/L	2.58	10.0 08/31/21 01:54	B1H1178	ZM1	1	
1,2,3-Trichlorobenzene	< 2.53	20.0		ug/L	2.53	10.0 08/31/21 01:54	B1H1178	ZM1	1	
1,2,3-Trichloropropane	< 0.598	4.00		ug/L	0.598	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,2,4-Trimethylbenzene	< 0.753	4.00		ug/L	0.753	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,2-Dibromo-3-chloropropane	< 2.60	20.0		ug/L	2.60	10.0 08/31/21 01:54	B1H1178	ZM1	1	
1,2-Dibromoethane	< 0.420	2.00		ug/L	0.420	1.00 08/31/21 01:54	B1H1178	ZM1	1	
1,2-Dichloroethane	< 0.731	4.00		ug/L	0.731	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,2-Dichloropropane	< 0.557	4.00		ug/L	0.557	2.00 08/31/21 01:54	B1H1178	ZM1	1	
1,3,5-Trimethylbenzene	< 0.351	2.00		ug/L	0.351	1.00 08/31/21 01:54	B1H1178	ZM1	1	
1,3-Dichloropropane	< 0.345	2.00		ug/L	0.345	1.00 08/31/21 01:54	B1H1178	ZM1	1	
2,2-Dichloropropane	< 0.430	4.00		ug/L	0.430	2.00 08/31/21 01:54	B1H1178	ZM1	1	
2-Butanone	< 4.79	28.0		ug/L	4.79	14.0 08/31/21 01:54	B1H1178	ZM1	1	
2-Chlorotoluene	< 0.384	2.00		ug/L	0.384	1.00 08/31/21 01:54	B1H1178	ZM1	1	
2-Hexanone	< 4.74	28.0		ug/L	4.74	14.0 08/31/21 01:54	B1H1178	ZM1	1	
4-Isopropyltoluene	< 0.930	4.00		ug/L	0.930	2.00 08/31/21 01:54	B1H1178	ZM1	1	
4-Methyl-2-pentanone	< 4.40	28.0		ug/L	4.40	14.0 08/31/21 01:54	B1H1178	ZM1	1	
Acetone	< 9.21	70.0		ug/L	9.21	28.0 08/31/21 01:54	B1H1178	ZM1	1	
Benzene	< 0.362	2.00		ug/L	0.362	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Bromobenzene	< 0.354	2.00		ug/L	0.354	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Bromochloromethane	< 0.861	4.00		ug/L	0.861	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Bromodichloromethane	< 0.458	2.00		ug/L	0.458	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Bromoform	< 0.570	4.00		ug/L	0.570	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Bromomethane	< 6.07	40.0		ug/L	6.07	20.0 08/31/21 01:54	B1H1178	ZM1	1	
Carbon disulfide	< 0.739	4.00		ug/L	0.739	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Carbon tetrachloride	< 3.07	20.0		ug/L	3.07	10.0 08/31/21 01:54	B1H1178	ZM1	1	
Chlorobenzene	< 0.350	2.00		ug/L	0.350	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Chloroethane	< 0.621	4.00		ug/L	0.621	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Chloroform	< 0.450	4.00		ug/L	0.450	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Chloromethane	1.41	8.00	J	ug/L	1.30	4.00 08/31/21 01:54	B1H1178	ZM1	1	
cis-1,2-Dichloroethene	< 0.652	4.00		ug/L	0.652	2.00 08/31/21 01:54	B1H1178	ZM1	1	
cis-1,3-Dichloropropene	< 0.408	4.00		ug/L	0.408	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Cyclohexane	< 1.97	10.0		ug/L	1.97	5.00 08/31/21 01:54	B1H1178	ZM1	1	
Dibromochloromethane	< 0.632	4.00		ug/L	0.632	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Dibromomethane	< 0.390	2.00		ug/L	0.390	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Dichlorodifluoromethane	< 0.425	2.00		ug/L	0.425	1.00 08/31/21 01:54	B1H1178	ZM1	1	
Ethylbenzene	< 0.580	4.00		ug/L	0.580	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Isopropylbenzene	< 1.53	10.0		ug/L	1.53	5.00 08/31/21 01:54	B1H1178	ZM1	1	
m,p-Xylene	< 1.58	8.00		ug/L	1.58	4.00 08/31/21 01:54	B1H1178	ZM1	1	
Methyl tert-butyl ether	< 0.838	4.00		ug/L	0.838	2.00 08/31/21 01:54	B1H1178	ZM1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: MW-4
Report Date: 09/02/2021
Collection Date: 08/25/2021 15:00
Matrix: Groundwater
Lab ID: 21H0963-03 (Continued)

Analyses	Result	EMT Reporting		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW8260B / SW5030 (Continued)										
Methylene chloride	< 4.50	20.0		ug/L	4.50	10.0 08/31/21 01:54	B1H1178	ZM1	1	
n-Butylbenzene	< 2.11	10.0		ug/L	2.11	5.00 08/31/21 01:54	B1H1178	ZM1	1	
n-Propylbenzene	< 0.780	4.00		ug/L	0.780	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Naphthalene	< 4.82	20.0	Q, S1	ug/L	4.82	10.0 08/31/21 01:54	B1H1178	ZM1	1	
o-Xylene	< 0.660	4.00		ug/L	0.660	2.00 08/31/21 01:54	B1H1178	ZM1	1	
sec-Butylbenzene	< 1.02	4.00		ug/L	1.02	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Styrene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:54	B1H1178	ZM1	1	
tert-Butylbenzene	< 0.800	4.00		ug/L	0.800	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Tetrachloroethene	< 0.646	4.00		ug/L	0.646	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Toluene	< 0.510	4.00		ug/L	0.510	2.00 08/31/21 01:54	B1H1178	ZM1	1	
trans-1,2-Dichloroethene	< 0.566	4.00		ug/L	0.566	2.00 08/31/21 01:54	B1H1178	ZM1	1	
trans-1,3-Dichloropropene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 01:54	B1H1178	ZM1	1	
Trichloroethene	< 0.939	4.00		ug/L	0.939	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Trichlorofluoromethane	< 1.10	4.00		ug/L	1.10	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Vinyl chloride	< 0.582	4.00		ug/L	0.582	2.00 08/31/21 01:54	B1H1178	ZM1	1	
Xylenes, Total	< 1.62	12.0		ug/L	1.62	6.00 08/31/21 01:54	B1H1178	ZM1	1	
<i>Surrogate: Dibromofluoromethane</i>					<i>Recovery: 102%</i>	<i>Limits: 84-137</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>Recovery: 99%</i>	<i>Limits: 74-140</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: Fluorobenzene</i>					<i>Recovery: 101%</i>	<i>Limits: 90-105</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: Toluene-d8</i>					<i>Recovery: 97%</i>	<i>Limits: 74-109</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>Recovery: 109%</i>	<i>Limits: 86-128</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>					<i>Recovery: 96%</i>	<i>Limits: 90-128</i>	<i>08/31/21 01:54</i>	<i>B1H1178</i>	<i>ZM1</i>	<i>1</i>

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: Trip Blank
Report Date: 09/02/2021
Collection Date: 08/25/2021 00:00
Matrix: Water
Lab ID: 21H0963-04

Analyses	Result	EMT		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Reporting Limit	Qual							
Volatile Organic Compounds by GC/MS										
Method: SW8260B / SW5030										
1,1,1,2-Tetrachloroethane	< 0.706	4.00		ug/L	0.706	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,1,1-Trichloroethane	< 0.719	4.00		ug/L	0.719	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,1,2,2-Tetrachloroethane	< 0.713	4.00		ug/L	0.713	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,1,2-Trichloroethane	< 0.198	2.00		ug/L	0.198	0.600 08/31/21 04:28	B1H1178	ZM1	1	
1,1-Dichloroethane	< 0.190	2.00		ug/L	0.190	1.00 08/31/21 04:28	B1H1178	ZM1	1	
1,1-Dichloroethene	< 1.10	8.00		ug/L	1.10	4.00 08/31/21 04:28	B1H1178	ZM1	1	
1,1-Dichloropropene	< 2.58	20.0		ug/L	2.58	10.0 08/31/21 04:28	B1H1178	ZM1	1	
1,2,3-Trichlorobenzene	< 2.53	20.0		ug/L	2.53	10.0 08/31/21 04:28	B1H1178	ZM1	1	
1,2,3-Trichloropropane	< 0.598	4.00		ug/L	0.598	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,2,4-Trimethylbenzene	< 0.753	4.00		ug/L	0.753	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,2-Dibromo-3-chloropropane	< 2.60	20.0		ug/L	2.60	10.0 08/31/21 04:28	B1H1178	ZM1	1	
1,2-Dibromoethane	< 0.420	2.00		ug/L	0.420	1.00 08/31/21 04:28	B1H1178	ZM1	1	
1,2-Dichloroethane	< 0.731	4.00		ug/L	0.731	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,2-Dichloropropane	< 0.557	4.00		ug/L	0.557	2.00 08/31/21 04:28	B1H1178	ZM1	1	
1,3,5-Trimethylbenzene	< 0.351	2.00		ug/L	0.351	1.00 08/31/21 04:28	B1H1178	ZM1	1	
1,3-Dichloropropane	< 0.345	2.00		ug/L	0.345	1.00 08/31/21 04:28	B1H1178	ZM1	1	
2,2-Dichloropropane	< 0.430	4.00		ug/L	0.430	2.00 08/31/21 04:28	B1H1178	ZM1	1	
2-Butanone	< 4.79	28.0		ug/L	4.79	14.0 08/31/21 04:28	B1H1178	ZM1	1	
2-Chlorotoluene	< 0.384	2.00		ug/L	0.384	1.00 08/31/21 04:28	B1H1178	ZM1	1	
2-Hexanone	< 4.74	28.0		ug/L	4.74	14.0 08/31/21 04:28	B1H1178	ZM1	1	
4-Isopropyltoluene	< 0.930	4.00		ug/L	0.930	2.00 08/31/21 04:28	B1H1178	ZM1	1	
4-Methyl-2-pentanone	< 4.40	28.0		ug/L	4.40	14.0 08/31/21 04:28	B1H1178	ZM1	1	
Acetone	< 9.21	70.0		ug/L	9.21	28.0 08/31/21 04:28	B1H1178	ZM1	1	
Benzene	< 0.362	2.00		ug/L	0.362	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Bromobenzene	< 0.354	2.00		ug/L	0.354	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Bromochloromethane	< 0.861	4.00		ug/L	0.861	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Bromodichloromethane	< 0.458	2.00		ug/L	0.458	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Bromoform	< 0.570	4.00		ug/L	0.570	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Bromomethane	< 6.07	40.0		ug/L	6.07	20.0 08/31/21 04:28	B1H1178	ZM1	1	
Carbon disulfide	< 0.739	4.00		ug/L	0.739	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Carbon tetrachloride	< 3.07	20.0		ug/L	3.07	10.0 08/31/21 04:28	B1H1178	ZM1	1	
Chlorobenzene	< 0.350	2.00		ug/L	0.350	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Chloroethane	< 0.621	4.00		ug/L	0.621	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Chloroform	< 0.450	4.00		ug/L	0.450	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Chloromethane	< 1.30	8.00		ug/L	1.30	4.00 08/31/21 04:28	B1H1178	ZM1	1	
cis-1,2-Dichloroethene	< 0.652	4.00		ug/L	0.652	2.00 08/31/21 04:28	B1H1178	ZM1	1	
cis-1,3-Dichloropropene	< 0.408	4.00		ug/L	0.408	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Cyclohexane	< 1.97	10.0		ug/L	1.97	5.00 08/31/21 04:28	B1H1178	ZM1	1	
Dibromochloromethane	< 0.632	4.00		ug/L	0.632	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Dibromomethane	< 0.390	2.00		ug/L	0.390	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Dichlorodifluoromethane	< 0.425	2.00		ug/L	0.425	1.00 08/31/21 04:28	B1H1178	ZM1	1	
Ethylbenzene	< 0.580	4.00		ug/L	0.580	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Isopropylbenzene	< 1.53	10.0		ug/L	1.53	5.00 08/31/21 04:28	B1H1178	ZM1	1	
m,p-Xylene	< 1.58	8.00		ug/L	1.58	4.00 08/31/21 04:28	B1H1178	ZM1	1	
Methyl tert-butyl ether	< 0.838	4.00		ug/L	0.838	2.00 08/31/21 04:28	B1H1178	ZM1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Client Sample ID: Trip Blank
Report Date: 09/02/2021
Collection Date: 08/25/2021 00:00
Matrix: Water
Lab ID: 21H0963-04 (Continued)

Analyses	Result	EMT Reporting		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW8260B / SW5030 (Continued)										
Methylene chloride	< 4.50	20.0		ug/L	4.50	10.0 08/31/21 04:28	B1H1178	ZM1	1	
n-Butylbenzene	< 2.11	10.0		ug/L	2.11	5.00 08/31/21 04:28	B1H1178	ZM1	1	
n-Propylbenzene	< 0.780	4.00		ug/L	0.780	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Naphthalene	8.39	60.0 Q, S1, J		ug/L	4.82	10.0 08/31/21 04:28	B1H1178	ZM1	1	
o-Xylene	< 0.660	4.00		ug/L	0.660	2.00 08/31/21 04:28	B1H1178	ZM1	1	
sec-Butylbenzene	< 1.02	4.00		ug/L	1.02	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Styrene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 04:28	B1H1178	ZM1	1	
tert-Butylbenzene	< 0.800	4.00		ug/L	0.800	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Tetrachloroethene	< 0.646	4.00		ug/L	0.646	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Toluene	< 0.510	4.00		ug/L	0.510	2.00 08/31/21 04:28	B1H1178	ZM1	1	
trans-1,2-Dichloroethene	< 0.566	4.00		ug/L	0.566	2.00 08/31/21 04:28	B1H1178	ZM1	1	
trans-1,3-Dichloropropene	< 1.17	8.00		ug/L	1.17	4.00 08/31/21 04:28	B1H1178	ZM1	1	
Trichloroethene	< 0.939	4.00		ug/L	0.939	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Trichlorofluoromethane	< 1.10	4.00		ug/L	1.10	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Vinyl chloride	< 0.582	4.00		ug/L	0.582	2.00 08/31/21 04:28	B1H1178	ZM1	1	
Xylenes, Total	< 1.62	12.0		ug/L	1.62	6.00 08/31/21 04:28	B1H1178	ZM1	1	
<i>Surrogate: Dibromofluoromethane</i>					Recovery: 99%	Limits: 84-137	08/31/21 04:28	B1H1178	ZM1	1
<i>Surrogate: 1,2-Dichloroethane-d4</i>					Recovery: 97%	Limits: 74-140	08/31/21 04:28	B1H1178	ZM1	1
<i>Surrogate: Fluorobenzene</i>					Recovery: 101%	Limits: 90-105	08/31/21 04:28	B1H1178	ZM1	1
<i>Surrogate: Toluene-d8</i>					Recovery: 99%	Limits: 74-109	08/31/21 04:28	B1H1178	ZM1	1
<i>Surrogate: 4-Bromofluorobenzene</i>					Recovery: 100%	Limits: 86-128	08/31/21 04:28	B1H1178	ZM1	1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>					Recovery: 100%	Limits: 90-128	08/31/21 04:28	B1H1178	ZM1	1

Dates Report

Client: United Engineering Consultants, Inc.

Report Date: 09/02/2021

Project: UEC Analysis
19044

Work Order: 21H0963

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
21H0963-01	MW-2	08/25/21	Groundwater	Volatile Organic Compounds by GC/MS		08/30/21 11:14	08/31/21 01:02	B1H1178	S1H0546
21H0963-02	MW-2R	08/25/21		Volatile Organic Compounds by GC/MS		08/30/21 11:14	08/31/21 01:28		
21H0963-03	MW-4	08/25/21		Volatile Organic Compounds by GC/MS		08/30/21 11:14	08/31/21 01:54		
21H0963-04	Trip Blank	08/25/21	Water	Volatile Organic Compounds by GC/MS		08/30/21 11:14	08/31/21 04:28		

Quality Control

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21H0963

Report Date: 09/02/2021
Matrix: Water

Volatiles Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
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Batch: B1H1178 - SW5030

Blank (B1H1178-BLK1)

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 22:51

1,1,1,2-Tetrachloroethane	< 0.706	4.00	ug/L								1
1,1,1-Trichloroethane	< 0.719	4.00	ug/L								1
1,1,2,2-Tetrachloroethane	< 0.713	4.00	ug/L								1
1,1,2-Trichloroethane	< 0.198	2.00	ug/L								1
1,1-Dichloroethane	< 0.190	2.00	ug/L								1
1,1-Dichloroethene	< 1.10	8.00	ug/L								1
1,1-Dichloropropene	< 2.58	20.0	ug/L								1
1,2,3-Trichlorobenzene	3.19	20.0	ug/L							J	1
1,2,3-Trichloropropane	< 0.598	4.00	ug/L								1
1,2,4-Trimethylbenzene	< 0.753	4.00	ug/L								1
1,2-Dibromo-3-chloropropane	< 2.60	20.0	ug/L								1
1,2-Dibromoethane	< 0.420	2.00	ug/L								1
1,2-Dichloroethane	< 0.731	4.00	ug/L								1
1,2-Dichloropropane	< 0.557	4.00	ug/L								1
1,3,5-Trimethylbenzene	< 0.351	2.00	ug/L								1
1,3-Dichloropropane	< 0.345	2.00	ug/L								1
2,2-Dichloropropane	< 0.430	4.00	ug/L								1
2-Butanone	< 4.79	28.0	ug/L								1
2-Chlorotoluene	< 0.384	2.00	ug/L								1
2-Hexanone	< 4.74	28.0	ug/L								1
4-Isopropyltoluene	< 0.930	4.00	ug/L								1
4-Methyl-2-pentanone	< 4.40	28.0	ug/L								1
Acetone	< 9.21	70.0	ug/L								1
Benzene	< 0.362	2.00	ug/L								1
Bromobenzene	< 0.354	2.00	ug/L								1
Bromochloromethane	< 0.861	4.00	ug/L								1
Bromodichloromethane	< 0.458	2.00	ug/L								1
Bromoform	< 0.570	4.00	ug/L								1
Bromomethane	< 6.07	40.0	ug/L								1
Carbon disulfide	< 0.739	4.00	ug/L								1
Carbon tetrachloride	< 3.07	20.0	ug/L								1
Chlorobenzene	< 0.350	2.00	ug/L								1
Chloroethane	< 0.621	4.00	ug/L								1
Chloroform	< 0.450	4.00	ug/L								1
Chloromethane	< 1.30	8.00	ug/L								1
cis-1,2-Dichloroethene	< 0.652	4.00	ug/L								1
cis-1,3-Dichloropropene	< 0.408	4.00	ug/L								1
Cyclohexane	< 1.97	10.0	ug/L								1
Dibromochloromethane	< 0.632	4.00	ug/L								1
Dibromomethane	< 0.390	2.00	ug/L								1
Dichlorodifluoromethane	< 0.425	2.00	ug/L								1
Ethylbenzene	< 0.580	4.00	ug/L								1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 09/02/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21H0963**Volatile Organic Compounds by GC/MS**

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
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Batch: B1H1178 - SW5030 (Continued)**Blank (B1H1178-BLK1) (Continued)**

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 22:51

Isopropylbenzene	< 1.53	10.0	ug/L								1
m,p-Xylene	< 1.58	8.00	ug/L								1
Methyl tert-butyl ether	< 0.838	4.00	ug/L								1
Methylene chloride	< 4.50	20.0	ug/L								1
n-Butylbenzene	< 2.11	10.0	ug/L								1
n-Propylbenzene	< 0.780	4.00	ug/L								1
Naphthalene	7.79	20.0	ug/L							J	1
o-Xylene	< 0.660	4.00	ug/L								1
sec-Butylbenzene	< 1.02	4.00	ug/L								1
Styrene	< 1.17	8.00	ug/L								1
tert-Butylbenzene	< 0.800	4.00	ug/L								1
Tetrachloroethene	< 0.646	4.00	ug/L								1
Toluene	< 0.510	4.00	ug/L								1
trans-1,2-Dichloroethene	< 0.566	4.00	ug/L								1
trans-1,3-Dichloropropene	< 1.17	8.00	ug/L								1
Trichloroethene	< 0.939	4.00	ug/L								1
Trichlorofluoromethane	< 1.10	4.00	ug/L								1
Vinyl chloride	< 0.582	4.00	ug/L								1
Xylenes, Total	< 1.62	12.0	ug/L								1
<hr/>											
Surrogate: Dibromofluoromethane	20.3		ug/L	20.00		102	84-137				1
Surrogate: 1,2-Dichloroethane-d4	20.4		ug/L	20.00		102	74-140				1
Surrogate: Fluorobenzene	20.9		ug/L	20.00		105	90-105				1
Surrogate: Toluene-d8	20.3		ug/L	20.00		102	74-109				1
Surrogate: 4-Bromofluorobenzene	11.3		ug/L	10.00		113	86-128				1
Surrogate: 1,2-Dichlorobenzene-d4	21.1		ug/L	20.00		105	90-128				1

LCS (B1H1178-BS1)

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 19:50

1,1,1,2-Tetrachloroethane	47.5	4.00	ug/L	50.00		95	84-122				1
1,1,1-Trichloroethane	46.7	4.00	ug/L	50.00		93	74-131				1
1,1,1,2,2-Tetrachloroethane	52.7	4.00	ug/L	50.00		105	71-121				1
1,1,2-Trichloroethane	50.6	2.00	ug/L	50.00		101	83-139				1
1,1-Dichloroethane	48.7	2.00	ug/L	50.00		97	77-125				1
1,1-Dichloroethene	47.6	8.00	ug/L	50.00		95	71-131				1
1,1-Dichloropropene	48.9	20.0	ug/L	50.00		98	79-125				1
1,2,3-Trichlorobenzene	50.1	20.0	ug/L	50.00		100	69-129				1
1,2,3-Trichloropropane	53.4	4.00	ug/L	50.00		107	73-122				1
1,2,4-Trimethylbenzene	52.0	4.00	ug/L	50.00		104	76-124				1
1,2-Dibromo-3-chloropropane	47.2	20.0	ug/L	50.00		94	72-124				1
1,2-Dibromoethane	49.8	2.00	ug/L	50.00		100	77-121				1
1,2-Dichloroethane	50.5	4.00	ug/L	50.00		101	73-128				1
1,2-Dichloropropane	49.2	4.00	ug/L	50.00		98	78-122				1
1,3,5-Trimethylbenzene	52.8	2.00	ug/L	50.00		106	75-124				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 09/02/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21H0963**Volatile Organic Compounds by GC/MS**

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
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Batch: B1H1178 - SW5030 (Continued)**LCS (B1H1178-BS1)** (Continued)

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 19:50

1,3-Dichloropropane	51.1	2.00	ug/L	50.00		102	82-130				1
2,2-Dichloropropane	40.2	4.00	ug/L	50.00		80	60-139				1
2-Butanone	164	28.0	ug/L	175.0		94	70-137				1
2-Chlorotoluene	52.8	2.00	ug/L	50.00		106	79-122				1
2-Hexanone	151	28.0	ug/L	175.0		87	57-139				1
4-Isopropyltoluene	47.0	4.00	ug/L	50.00		94	77-127				1
4-Methyl-2-pentanone	160	28.0	ug/L	175.0		91	67-130				1
Acetone	171	70.0	ug/L	175.0		98	39-160				1
Benzene	49.2	2.00	ug/L	50.00		98	79-120				1
Bromobenzene	53.0	2.00	ug/L	50.00		106	80-132				1
Bromochloromethane	51.7	4.00	ug/L	50.00		103	78-123				1
Bromodichloromethane	48.5	2.00	ug/L	50.00		97	84-139				1
Bromoform	49.4	4.00	ug/L	50.00		99	66-130				1
Bromomethane	56.9	40.0	ug/L	50.00		114	56-150				1
Carbon disulfide	48.8	4.00	ug/L	50.00		98	80-124				1
Carbon tetrachloride	48.5	20.0	ug/L	50.00		97	75-134				1
Chlorobenzene	49.4	2.00	ug/L	50.00		99	82-118				1
Chloroethane	48.5	4.00	ug/L	50.00		97	60-138				1
Chloroform	49.4	4.00	ug/L	50.00		99	79-124				1
Chloromethane	53.7	8.00	ug/L	50.00		107	50-139				1
cis-1,2-Dichloroethene	48.4	4.00	ug/L	50.00		97	78-123				1
cis-1,3-Dichloropropene	48.1	4.00	ug/L	50.00		96	75-124				1
Cyclohexane	47.7	10.0	ug/L	50.00		95	71-130				1
Dibromochloromethane	49.5	4.00	ug/L	50.00		99	83-140				1
Dibromomethane	50.4	2.00	ug/L	50.00		101	79-138				1
Dichlorodifluoromethane	52.9	2.00	ug/L	50.00		106	66-150				1
Ethylbenzene	49.0	4.00	ug/L	50.00		98	79-137				1
Isopropylbenzene	53.5	10.0	ug/L	50.00		107	72-131				1
m,p-Xylene	96.7	8.00	ug/L	100.0		97	80-136				1
Methyl tert-butyl ether	46.4	4.00	ug/L	50.00		93	71-124				1
Methylene chloride	48.9	20.0	ug/L	50.00		98	74-124				1
n-Butylbenzene	55.5	10.0	ug/L	50.00		111	75-128				1
n-Propylbenzene	51.5	4.00	ug/L	50.00		103	76-126				1
Naphthalene	57.3	20.0	ug/L	50.00		115	82-128				1
o-Xylene	54.0	4.00	ug/L	50.00		108	78-122				1
sec-Butylbenzene	49.4	4.00	ug/L	50.00		99	77-126				1
Styrene	47.2	8.00	ug/L	50.00		94	78-123				1
tert-Butylbenzene	52.0	4.00	ug/L	50.00		104	78-124				1
Tetrachloroethene	51.5	4.00	ug/L	50.00		103	74-129				1
Toluene	49.6	4.00	ug/L	50.00		99	80-133				1
trans-1,2-Dichloroethene	47.0	4.00	ug/L	50.00		94	75-124				1
trans-1,3-Dichloropropene	45.2	8.00	ug/L	50.00		90	73-127				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 09/02/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21H0963**Volatile Organic Compounds by GC/MS**

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
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Batch: B1H1178 - SW5030 (Continued)**LCS (B1H1178-BS1) (Continued)**

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 19:50

Trichloroethene	50.0	4.00	ug/L	50.00		100	84-129				1
Trichlorofluoromethane	50.0	4.00	ug/L	50.00		100	73-134				1
Vinyl chloride	52.4	4.00	ug/L	50.00		105	58-137				1
Xylenes, Total	151	12.0	ug/L	150.0		100	80-132				1
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Surrogate: Dibromofluoromethane	19.3		ug/L	20.00		96	84-137				1
Surrogate: 1,2-Dichloroethane-d4	19.7		ug/L	20.00		98	74-140				1
Surrogate: Fluorobenzene	19.9		ug/L	20.00		100	90-105				1
Surrogate: Toluene-d8	19.7		ug/L	20.00		98	74-109				1
Surrogate: 4-Bromofluorobenzene	9.90		ug/L	10.00		99	86-128				1
Surrogate: 1,2-Dichlorobenzene-d4	19.4		ug/L	20.00		97	90-128				1

LCS Dup (B1H1178-BSD1)

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 20:16

1,1,1,2-Tetrachloroethane	48.6	4.00	ug/L	50.00		97	84-122	2	20		1
1,1,1-Trichloroethane	48.0	4.00	ug/L	50.00		96	74-131	3	20		1
1,1,2,2-Tetrachloroethane	55.5	4.00	ug/L	50.00		111	71-121	5	20		1
1,1,2-Trichloroethane	51.1	2.00	ug/L	50.00		102	83-139	1	20		1
1,1-Dichloroethane	49.4	2.00	ug/L	50.00		99	77-125	1	20		1
1,1-Dichloroethene	48.4	8.00	ug/L	50.00		97	71-131	2	20		1
1,1-Dichloropropene	47.7	20.0	ug/L	50.00		95	79-125	2	20		1
1,2,3-Trichlorobenzene	53.6	20.0	ug/L	50.00		107	69-129	7	20		1
1,2,3-Trichloropropane	55.4	4.00	ug/L	50.00		111	73-122	4	20		1
1,2,4-Trimethylbenzene	49.0	4.00	ug/L	50.00		98	76-124	6	20		1
1,2-Dibromo-3-chloropropane	51.0	20.0	ug/L	50.00		102	72-124	8	20		1
1,2-Dibromoethane	49.8	2.00	ug/L	50.00		100	77-121	0.02	20		1
1,2-Dichloroethane	50.0	4.00	ug/L	50.00		100	73-128	0.9	20		1
1,2-Dichloropropane	51.0	4.00	ug/L	50.00		102	78-122	4	20		1
1,3,5-Trimethylbenzene	50.1	2.00	ug/L	50.00		100	75-124	5	20		1
1,3-Dichloropropane	53.4	2.00	ug/L	50.00		107	82-130	4	20		1
2,2-Dichloropropane	41.2	4.00	ug/L	50.00		82	60-139	2	20		1
2-Butanone	189	28.0	ug/L	175.0		108	70-137	14	20		1
2-Chlorotoluene	52.1	2.00	ug/L	50.00		104	79-122	1	20		1
2-Hexanone	192	28.0	ug/L	175.0		110	57-139	23	20	P	1
4-Isopropyltoluene	46.9	4.00	ug/L	50.00		94	77-127	0.3	20		1
4-Methyl-2-pentanone	182	28.0	ug/L	175.0		104	67-130	13	20		1
Acetone	197	70.0	ug/L	175.0		113	39-160	14	20		1
Benzene	49.5	2.00	ug/L	50.00		99	79-120	0.6	20		1
Bromobenzene	52.0	2.00	ug/L	50.00		104	80-132	2	20		1
Bromochloromethane	49.8	4.00	ug/L	50.00		100	78-123	4	20		1
Bromodichloromethane	48.0	2.00	ug/L	50.00		96	84-139	1	20		1
Bromoform	50.9	4.00	ug/L	50.00		102	66-130	3	20		1
Bromomethane	57.5	40.0	ug/L	50.00		115	56-150	1	20		1
Carbon disulfide	48.5	4.00	ug/L	50.00		97	80-124	0.8	20		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 09/02/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21H0963**Volatile Organic Compounds by GC/MS**

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
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Batch: B1H1178 - SW5030 (Continued)**LCS Dup (B1H1178-BSD1)** (Continued)

Prepared: 08/30/2021 11:14 Analyzed: 08/30/2021 20:16

Carbon tetrachloride	48.4	20.0	ug/L	50.00		97	75-134	0.2	20		1
Chlorobenzene	49.0	2.00	ug/L	50.00		98	82-118	0.8	20		1
Chloroethane	46.3	4.00	ug/L	50.00		93	60-138	5	20		1
Chloroform	49.7	4.00	ug/L	50.00		99	79-124	0.5	20		1
Chloromethane	52.8	8.00	ug/L	50.00		106	50-139	2	20		1
cis-1,2-Dichloroethene	47.3	4.00	ug/L	50.00		95	78-123	2	20		1
cis-1,3-Dichloropropene	48.9	4.00	ug/L	50.00		98	75-124	2	20		1
Cyclohexane	46.2	10.0	ug/L	50.00		92	71-130	3	20		1
Dibromochloromethane	51.5	4.00	ug/L	50.00		103	83-140	4	20		1
Dibromomethane	48.7	2.00	ug/L	50.00		97	79-138	3	20		1
Dichlorodifluoromethane	52.8	2.00	ug/L	50.00		106	66-150	0.2	20		1
Ethylbenzene	48.4	4.00	ug/L	50.00		97	79-137	1	20		1
Isopropylbenzene	51.5	10.0	ug/L	50.00		103	72-131	4	20		1
m,p-Xylene	98.4	8.00	ug/L	100.0		98	80-136	2	20		1
Methyl tert-butyl ether	49.1	4.00	ug/L	50.00		98	71-124	6	20		1
Methylene chloride	49.0	20.0	ug/L	50.00		98	74-124	0.2	20		1
n-Butylbenzene	53.8	10.0	ug/L	50.00		108	75-128	3	20		1
n-Propylbenzene	49.9	4.00	ug/L	50.00		100	76-126	3	20		1
Naphthalene	65.3	20.0	ug/L	50.00		131	82-128	13	20	S	1
o-Xylene	51.2	4.00	ug/L	50.00		102	78-122	5	20		1
sec-Butylbenzene	47.9	4.00	ug/L	50.00		96	77-126	3	20		1
Styrene	46.6	8.00	ug/L	50.00		93	78-123	1	20		1
tert-Butylbenzene	49.6	4.00	ug/L	50.00		99	78-124	5	20		1
Tetrachloroethene	50.8	4.00	ug/L	50.00		102	74-129	1	20		1
Toluene	49.7	4.00	ug/L	50.00		99	80-133	0.3	20		1
trans-1,2-Dichloroethene	47.6	4.00	ug/L	50.00		95	75-124	1	20		1
trans-1,3-Dichloropropene	46.9	8.00	ug/L	50.00		94	73-127	4	20		1
Trichloroethene	49.7	4.00	ug/L	50.00		99	84-129	0.6	20		1
Trichlorofluoromethane	51.5	4.00	ug/L	50.00		103	73-134	3	20		1
Vinyl chloride	50.7	4.00	ug/L	50.00		101	58-137	3	20		1
Xylenes, Total	150	12.0	ug/L	150.0		100	80-132	0.7	20		1
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Surrogate: Dibromofluoromethane	19.6		ug/L	20.00		98	84-137				1
Surrogate: 1,2-Dichloroethane-d4	19.8		ug/L	20.00		99	74-140				1
Surrogate: Fluorobenzene	20.2		ug/L	20.00		101	90-105				1
Surrogate: Toluene-d8	20.3		ug/L	20.00		102	74-109				1
Surrogate: 4-Bromofluorobenzene	9.89		ug/L	10.00		99	86-128				1
Surrogate: 1,2-Dichlorobenzene-d4	19.5		ug/L	20.00		98	90-128				1

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SW8260B in Water		
1,1,1,2-Tetrachloroethane	630-20-6	WDNR,DoD,ILEPA
1,1,1-Trichloroethane	71-55-6	AKDEC,WDNR,DoD,ILEPA
1,1,2,2-Tetrachloroethane	79-34-5	AKDEC,WDNR,DoD,ILEPA
1,1,2-Trichloroethane	79-00-5	AKDEC,WDNR,DoD,ILEPA
1,1-Dichloroethane	75-34-3	AKDEC,WDNR,DoD,ILEPA
1,1-Dichloroethene	75-35-4	AKDEC,WDNR,DoD,ILEPA
1,1-Dichloropropene	563-58-6	WDNR,DoD,ILEPA
1,2,3-Trichlorobenzene	87-61-6	WDNR,DoD,ILEPA
1,2,3-Trichloropropane	96-18-4	AKDEC,WDNR,DoD,ILEPA
1,2,4-Trimethylbenzene	95-63-6	WDNR,DoD,ILEPA
1,2-Dibromo-3-chloropropane	96-12-8	AKDEC,WDNR,DoD,ILEPA
1,2-Dibromoethane	106-93-4	AKDEC,WDNR,DoD,ILEPA
1,2-Dichloroethane	107-06-2	AKDEC,WDNR,DoD,ILEPA
1,2-Dichloropropane	78-87-5	AKDEC,WDNR,DoD,ILEPA
1,3,5-Trimethylbenzene	108-67-8	WDNR,DoD,ILEPA
1,3-Dichloropropane	142-28-9	WDNR,DoD,ILEPA
2,2-Dichloropropane	594-20-7	WDNR,DoD,ILEPA
2-Butanone	78-93-3	WDNR,DoD,ILEPA
2-Chlorotoluene	95-49-8	WDNR,DoD,ILEPA
2-Hexanone	591-78-6	WDNR,DoD,ILEPA
4-Isopropyltoluene	99-87-6	WDNR,DoD,ILEPA
4-Methyl-2-pentanone	108-10-1	WDNR,DoD,ILEPA
Acetone	67-64-1	WDNR,DoD,ILEPA
Benzene	71-43-2	AKDEC,WDNR,DoD,ILEPA
Bromobenzene	108-86-1	WDNR,DoD,ILEPA
Bromochloromethane	74-97-5	WDNR,DoD,ILEPA
Bromodichloromethane	75-27-4	AKDEC,WDNR,DoD,ILEPA
Bromoform	75-25-2	AKDEC,WDNR,DoD,ILEPA
Bromomethane	74-83-9	AKDEC,WDNR,DoD,ILEPA
Carbon disulfide	75-15-0	WDNR,DoD,ILEPA
Carbon tetrachloride	56-23-5	AKDEC,WDNR,DoD,ILEPA
Chlorobenzene	108-90-7	AKDEC,WDNR,DoD,ILEPA
Chloroethane	75-00-3	WDNR,DoD,ILEPA
Chloroform	67-66-3	AKDEC,WDNR,DoD,ILEPA
Chloromethane	74-87-3	AKDEC,WDNR,DoD,ILEPA
cis-1,2-Dichloroethene	156-59-2	WDNR,DoD,ILEPA
cis-1,3-Dichloropropene	10061-01-5	AKDEC,WDNR,DoD,ILEPA
Cyclohexane	110-82-7	DoD
Dibromochloromethane	124-48-1	AKDEC,WDNR,DoD,ILEPA
Dibromomethane	74-95-3	WDNR,DoD,ILEPA
Dichlorodifluoromethane	75-71-8	WDNR,DoD,ILEPA

Certified Analyses included in this Report (Continued)

Analyte	CAS #	Certifications
SW8260B in Water (Continued)		
Ethylbenzene	100-41-4	AKDEC,WDNR,DoD,ILEPA
Isopropylbenzene	98-82-8	WDNR,DoD,ILEPA
m,p-Xylene	179601-23-1	AKDEC,WDNR,DoD,ILEPA
Methyl tert-butyl ether	1634-04-4	WDNR,DoD,ILEPA
Methylene chloride	75-09-2	AKDEC,WDNR,DoD,ILEPA
n-Butylbenzene	104-51-8	WDNR,DoD,ILEPA
n-Propylbenzene	103-65-1	WDNR,DoD,ILEPA
Naphthalene	91-20-3	WDNR,DoD,ILEPA
o-Xylene	95-47-6	AKDEC,WDNR,DoD,ILEPA
sec-Butylbenzene	135-98-8	WDNR,DoD,ILEPA
Styrene	100-42-5	WDNR,DoD
tert-Butylbenzene	98-06-6	WDNR,DoD,ILEPA
Tetrachloroethene	127-18-4	AKDEC,WDNR,DoD,ILEPA
Toluene	108-88-3	AKDEC,WDNR,DoD,ILEPA
trans-1,2-Dichloroethene	156-60-5	AKDEC,WDNR,DoD,ILEPA
trans-1,3-Dichloropropene	10061-02-6	AKDEC,WDNR,DoD,ILEPA
Trichloroethene	79-01-6	AKDEC,WDNR,DoD,ILEPA
Trichlorofluoromethane	75-69-4	AKDEC,WDNR,DoD,ILEPA
Vinyl chloride	75-01-4	AKDEC,WDNR,DoD,ILEPA
Xylenes, Total	1330-20-7	AKDEC,WDNR,DoD,ILEPA

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	03/31/2022
DoD	Department of Defense, Accredited by PJLA	L20-164-R2	03/31/2022
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562021-6	07/27/2022
ISO	ISO/IEC 17025, Accredited by PJLA	L20-165	03/31/2022
NEFAP	TNI National Environmental Field Activities Program	L20-166	03/31/2022
TX	Texas Commission of Environmental Quality	T104704554-20-5	10/31/2021
WA	Washington State Department of Ecology	C1057	01/05/2022
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2022

Qualifiers and Definitions

Item	Description
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



21H0963
PM: Jacoby Jackson
United Engineering Consultants, Inc.
IIEC Analysis
847-967-6666
FAX: 847-967-6735
www.emt.com

Record

TURNAROUND TIME:
 RUSH
 ___ day turnaround
 ROUTINE

Due Date: ___ - ___ - ___ COC #: **246508**

Company: <u>UEC, INC</u> Address: <u>2938 S 166TH ST</u> <u>NEW BERLIN, WI 53151</u>		Sample Type: 1. Waste Water 4. Sludge 7. Groundwater (filtered) 2. Drinking Water 5. Oil 8. Other 3. Soil 6. Groundwater		Analyses	
Phone #: <u>(262) 785-1447</u> Fax #: <u>(262) 706-4400</u> P.O. #: _____ Proj. #: _____		Container Type: P - Plastic V - VOC Vial O - Other G - Glass B - Tedlar Bag			
Client Contact: <u>T ANDERSON</u> Project ID / Location: <u>19044</u>		Preservative: 1. None 4. NaOH 7. Zn Ace 2. H2SO4 5. HCl 8. Other 3. HNO3 6. MeOH		EMT USE ONLY EMT WORKORDER #21H0963	

Sample I.D.	Sample Type	Container			Sampling					Preservation		VOC						
		Size	Type	No.	By	Date	Time	pH	Temp.	Field	Lab							
MW-2	G	40ml	G	3	JES	8/25/21	14:00	-	-	5		X						O1A-C
MW-2R	↓	↓	↓	↓	↓	↓	14:30	↓	↓	↓		X						O2A-C
MW-4	↓	↓	↓	↓	↓	↓	15:00	↓	↓	↓		X						O3A-C
TRIP BLANK	-	40ml	G	1	-	-	-	-	-	5		X						O4A ABZ
																		08/27

Relinquished By: <u>[Signature]</u>	Date: <u>8-27-21</u>	Received By: <u>[Signature]</u>	Date: <u>8-27-21</u>	EMT USE ONLY	<input checked="" type="checkbox"/> SAMPLE RECEIVED ON ICE <input type="checkbox"/> TEMPERATURE
Relinquished By: <u>[Signature]</u>	Date: <u>8-27-21</u>	Received By: <u>[Signature]</u>	Date: <u>- - -</u>		
Relinquished By: <u>[Signature]</u>	Date: <u>- - -</u>	Received For Lab By: <u>Agnieszka Cabana</u>	Date: <u>08-27-2021</u>	EMT Project I.D.	4.8
			Time: <u>1240</u>	EMT Sample Return Policy on Back	

SPECIAL INSTRUCTIONS: ONE (1) TRIP BLANK FOR COC #s 246508 and 246509

Sample Receipt Checklist

Work Order: 21H0963

Printed: 8/27/2021 3:58:44PM

Client: United Engineering Consultants, Inc.
Project: UEC Analysis

Date Due: Wednesday, September 8, 2021

Received By: Agnieszka B. Zabawa
Logged In By: Agnieszka B. Zabawa

Date Received: 08/27/21 12:40
Date Logged In: 08/27/21 15:58

How were samples received? EMT
Cooler temperature at or below 6 degrees Celsius Yes
Chain of Custody present and properly completed Yes
Turn Around Time is indicated and specified Yes
Chain of Custody agrees with sample labels Yes
Samples received within hold time Yes
Proper sample containers received intact Yes
Containers properly preserved Yes
Sufficient Sample Volume Yes
Custody seals present No
Volatile water vials received Yes
Vials contain larger than pea sized air bubbles No

Sample Receipt Comments Work Order: 21H0963

The samples were received on 08/27/21 12:40. The temperature of the cooler(s) at receipt was:

Cooler	Temp C°
Default Cooler	4.8

The samples were received in good condition and were properly preserved.

Samples going out of hold time within 24 hours:

Reviewed By: ABZ

Date: 08/27/2021