

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.
 Yes No

If yes, the sampled drinking water well had detectable contaminants.
 Yes 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				

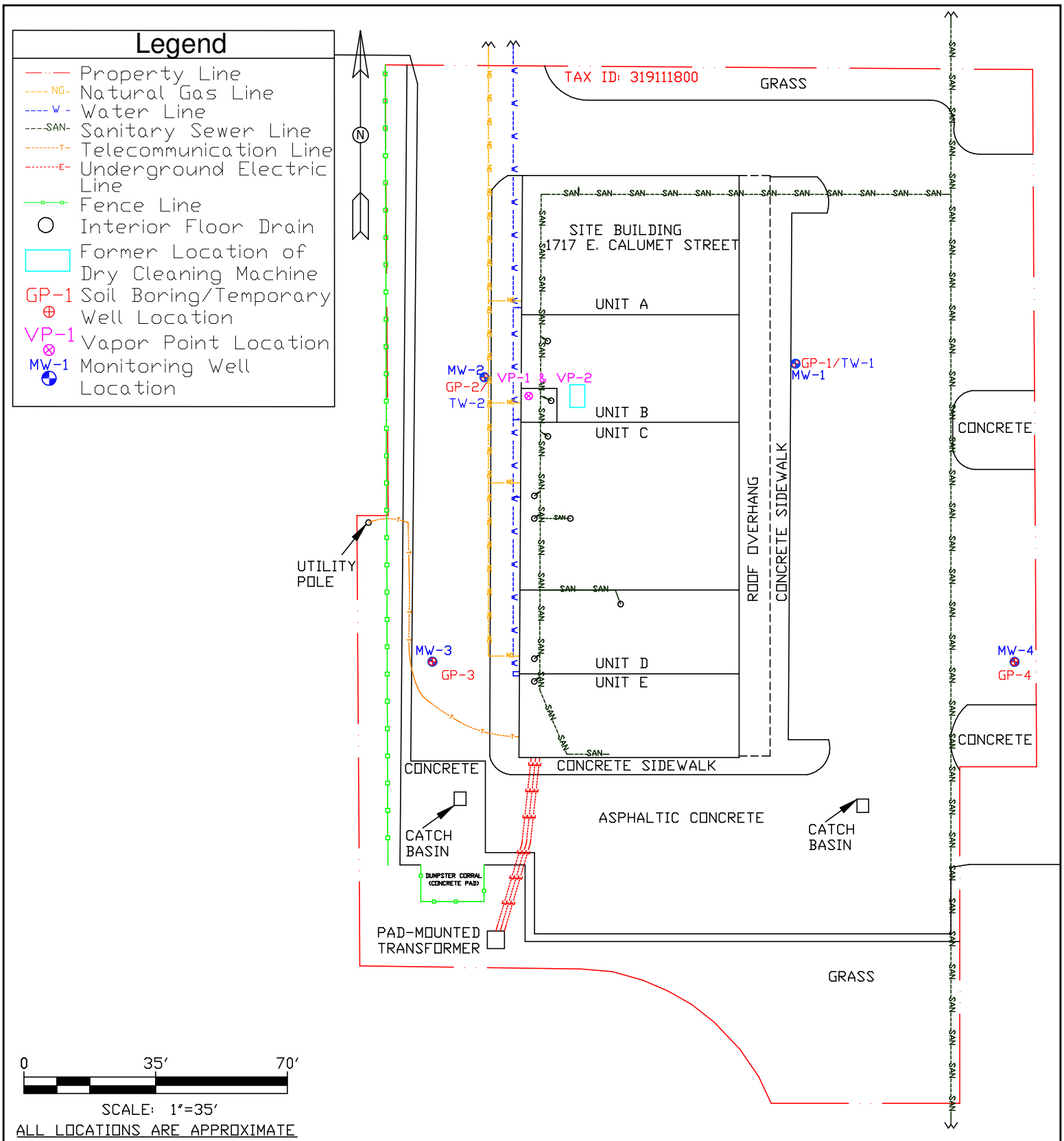


Figure 3: Soil Boring, Monitoring Well and Sub-Slab Vapor Point Location Map

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	4/16/2020(R)	07/08/20	7/8/20(R)	10/23/20	01/08/21	1/8/2021(R)	05/26/21	05/26/21(R)		
Volatiles 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	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	5	0.5
Bromodichloromethane	<0.310	<0.310	<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	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<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	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<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	<0.259	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<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	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<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	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<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	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	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	850	85
1,2-Dichloroethane	<0.320	<0.320	<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	<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	3.76	3.88	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	0.506J	<0.433	<0.433	0.469J	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<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	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<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	700	140
2-Hexanone	<1.04	<1.04	<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	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<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	<0.358	<0.358	5	0.5
Styrene	<0.534	<0.534	<0.0534	<0.0534	<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	<0.291	<0.291	0.2	0.02
Tetrachloroethene	5.66	6.55	26.5	13.4	81.2	56.6	61.5	71.1	81.8	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/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310	<0.310Q	<0.310	<0.310	<0.310	<0.310		
Toluene	<0.299	<0.299	<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	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<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	21.4	22.9	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	0.2	0.02
m,p-Xylene	<0.310	<0.310	<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	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<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	<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		
Volatiles Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)						
Acetone	<3.75	12.8J	<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	<0.259Q	<0.259Q	<0.259	<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	<0.397	<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)	<0.0320	<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	1.39J	<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	<0.0534	<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	<0.400	5	0.5
1,2,4-Trimethylbenzene	0.456J	0.456J	<0.338/	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310Q	<0.310Q	<0.310	<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)

Analytical Report

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

June 10, 2021

Work Order: 21E0915

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.

This is a revised report, that supersedes all previous reports. Please see case narrative for an explanation of revision.

Sincerely,



Jacoby Jackson
Project Manager
847.967.6666
jjackson@emt.com

Approved for release: 6/10/2021 9:30:21AM

Approved by,



Gerald L. Bagnowski Jr.
Laboratory Special Projects 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-4	21E0915-01	Groundwater	05/26/21 14:10	05/28/21 12:30
MW-2	21E0915-02	Groundwater	05/26/21 13:45	05/28/21 12:30
MW-2R	21E0915-03	Groundwater	05/26/21 13:50	05/28/21 12:30

Case Narrative

Client: United Engineering Consultants, Inc.

Date: 06/10/2021

Project: UEC Analysis
19044

Work Order: 21E0915

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: 21E0915

The samples were received on 05/28/21 12:30. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	1.9

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

Sample (02) (3 vial(s)) contain larger than pea-sized (6 mm) air bubbles.

Revision 1).

Per Client Request, Sample ID's of 21E0915-02/03 were changed to MW-2 and MW-2R respectively.

Client Sample Results

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-4
Report Date: 06/10/2021
Collection Date: 05/26/2021 14:10
Matrix: Groundwater
Lab ID: 21E0915-01

Analyses	Result	EMT		MDL	Date/Time Analyzed	Batch	Analyst	DF
		Limit	Qual Units					
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	06/03/21 02:43	B1F0155	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00	ug/L	0.291	06/03/21 02:43	B1F0155	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00	ug/L	0.264	06/03/21 02:43	B1F0155	WZZ	1
1,1-Dichloroethane	< 1.94	8.00	ug/L	1.94	06/03/21 02:43	B1F0155	WZZ	1
1,1-Dichloroethene	< 1.02	4.00	ug/L	1.02	06/03/21 02:43	B1F0155	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00	ug/L	0.338	06/03/21 02:43	B1F0155	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00	ug/L	0.488	06/03/21 02:43	B1F0155	WZZ	1
1,2-Dibromoethane	< 0.320	2.00	ug/L	0.320	06/03/21 02:43	B1F0155	WZZ	1
1,2-Dichloroethane	< 0.274	2.00	ug/L	0.274	06/03/21 02:43	B1F0155	WZZ	1
1,2-Dichloropropane	< 1.11	4.00	ug/L	1.11	06/03/21 02:43	B1F0155	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00	ug/L	0.310	06/03/21 02:43	B1F0155	WZZ	1
1-Butanol	< 6.69	90.0	ug/L	6.69	06/03/21 02:43	B1F0155	WZZ	1
2-Butanone	< 1.38	8.00	ug/L	1.38	06/03/21 02:43	B1F0155	WZZ	1
2-Hexanone	< 1.04	8.00	ug/L	1.04	06/03/21 02:43	B1F0155	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0	ug/L	0.660	06/03/21 02:43	B1F0155	WZZ	1
Acetone	< 3.75	28.0	ug/L	3.75	06/03/21 02:43	B1F0155	WZZ	1
Acrolein	< 6.63	20.0	ug/L	6.63	06/03/21 02:43	B1F0155	WZZ	1
Acrylonitrile	< 0.742	4.00	ug/L	0.742	06/03/21 02:43	B1F0155	WZZ	1
Benzene	< 0.370	2.00	ug/L	0.370	06/03/21 02:43	B1F0155	WZZ	1
Bromodichloromethane	< 0.310	2.00	ug/L	0.310	06/03/21 02:43	B1F0155	WZZ	1
Bromoform	< 0.254	2.00	ug/L	0.254	06/03/21 02:43	B1F0155	WZZ	1
Bromomethane	< 3.30	20.0	ug/L	3.30	06/03/21 02:43	B1F0155	WZZ	1
Carbon disulfide	< 0.259	2.00	ug/L	0.259	06/03/21 02:43	B1F0155	WZZ	1
Carbon tetrachloride	< 0.390	2.00	ug/L	0.390	06/03/21 02:43	B1F0155	WZZ	1
Chlorobenzene	< 0.358	2.00	ug/L	0.358	06/03/21 02:43	B1F0155	WZZ	1
Chloroethane	< 0.906	4.00	ug/L	0.906	06/03/21 02:43	B1F0155	WZZ	1
Chloroform	< 0.397	2.00	ug/L	0.397	06/03/21 02:43	B1F0155	WZZ	1
Chloromethane	< 2.23	8.00	ug/L	2.23	06/03/21 02:43	B1F0155	WZZ	1
cis-1,2-Dichloroethene	< 0.421	2.00	ug/L	0.421	06/03/21 02:43	B1F0155	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L	0.278	06/03/21 02:43	B1F0155	WZZ	1
Dibromochloromethane	< 0.492	2.00	ug/L	0.492	06/03/21 02:43	B1F0155	WZZ	1
Ethylbenzene	< 0.431	2.00	ug/L	0.431	06/03/21 02:43	B1F0155	WZZ	1
m,p-Xylene	< 0.310	4.00	ug/L	0.310	06/03/21 02:43	B1F0155	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00	ug/L	0.322	06/03/21 02:43	B1F0155	WZZ	1
Methylene chloride	< 0.358	2.00	ug/L	0.358	06/03/21 02:43	B1F0155	WZZ	1
Naphthalene	< 0.377	2.00	ug/L	0.377	06/03/21 02:43	B1F0155	WZZ	1
o-Xylene	< 0.349	2.00	ug/L	0.349	06/03/21 02:43	B1F0155	WZZ	1
Styrene	< 0.534	4.00	ug/L	0.534	06/03/21 02:43	B1F0155	WZZ	1
Tetrachloroethene	< 0.400	2.00	ug/L	0.400	06/03/21 02:43	B1F0155	WZZ	1
Toluene	< 0.299	2.00	ug/L	0.299	06/03/21 02:43	B1F0155	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00	ug/L	0.433	06/03/21 02:43	B1F0155	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L	0.314	06/03/21 02:43	B1F0155	WZZ	1
Trichloroethene	< 0.439	2.00	ug/L	0.439	06/03/21 02:43	B1F0155	WZZ	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-4
Report Date: 06/10/2021
Collection Date: 05/26/2021 14:10
Matrix: Groundwater
Lab ID: 21E0915-01 (Continued)

Analyses	Result	EMT Reporting		MDL	Date/Time Analyzed	Batch	Analyst	DF
		Limit	Qual Units					
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	06/03/21 02:43	B1F0155	WZZ	1
Vinyl chloride	< 0.316	2.00	ug/L	0.316	06/03/21 02:43	B1F0155	WZZ	1
Xylenes, Total	< 0.660	6.00	ug/L	0.660	06/03/21 02:43	B1F0155	WZZ	1
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L	0.592	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: Dibromofluoromethane				Recovery: 102% Limits: 80-135	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: 1,2-Dichloroethane-d4				Recovery: 105% Limits: 86-132	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: Fluorobenzene				Recovery: 101% Limits: 80-116	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: Toluene-d8				Recovery: 102% Limits: 73-120	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: 4-Bromofluorobenzene				Recovery: 97% Limits: 85-114	06/03/21 02:43	B1F0155	WZZ	1
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 100% Limits: 88-136	06/03/21 02:43	B1F0155	WZZ	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-2
Report Date: 06/10/2021
Collection Date: 05/26/2021 13:45
Matrix: Groundwater
Lab ID: 21E0915-02

Analyses	Result	EMT		MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual Units					
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	06/03/21 03:09	B1F0155	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00	ug/L	0.291	06/03/21 03:09	B1F0155	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00	ug/L	0.264	06/03/21 03:09	B1F0155	WZZ	1
1,1-Dichloroethane	< 1.94	8.00	ug/L	1.94	06/03/21 03:09	B1F0155	WZZ	1
1,1-Dichloroethene	< 1.02	4.00	ug/L	1.02	06/03/21 03:09	B1F0155	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00	ug/L	0.338	06/03/21 03:09	B1F0155	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00	ug/L	0.488	06/03/21 03:09	B1F0155	WZZ	1
1,2-Dibromoethane	< 0.320	2.00	ug/L	0.320	06/03/21 03:09	B1F0155	WZZ	1
1,2-Dichloroethane	< 0.274	2.00	ug/L	0.274	06/03/21 03:09	B1F0155	WZZ	1
1,2-Dichloropropane	< 1.11	4.00	ug/L	1.11	06/03/21 03:09	B1F0155	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00	ug/L	0.310	06/03/21 03:09	B1F0155	WZZ	1
1-Butanol	< 6.69	90.0	ug/L	6.69	06/03/21 03:09	B1F0155	WZZ	1
2-Butanone	< 1.38	8.00	ug/L	1.38	06/03/21 03:09	B1F0155	WZZ	1
2-Hexanone	< 1.04	8.00	ug/L	1.04	06/03/21 03:09	B1F0155	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0	ug/L	0.660	06/03/21 03:09	B1F0155	WZZ	1
Acetone	< 3.75	28.0	ug/L	3.75	06/03/21 03:09	B1F0155	WZZ	1
Acrolein	< 6.63	20.0	ug/L	6.63	06/03/21 03:09	B1F0155	WZZ	1
Acrylonitrile	< 0.742	4.00	ug/L	0.742	06/03/21 03:09	B1F0155	WZZ	1
Benzene	< 0.370	2.00	ug/L	0.370	06/03/21 03:09	B1F0155	WZZ	1
Bromodichloromethane	< 0.310	2.00	ug/L	0.310	06/03/21 03:09	B1F0155	WZZ	1
Bromoform	< 0.254	2.00	ug/L	0.254	06/03/21 03:09	B1F0155	WZZ	1
Bromomethane	< 3.30	20.0	ug/L	3.30	06/03/21 03:09	B1F0155	WZZ	1
Carbon disulfide	< 0.259	2.00	ug/L	0.259	06/03/21 03:09	B1F0155	WZZ	1
Carbon tetrachloride	< 0.390	2.00	ug/L	0.390	06/03/21 03:09	B1F0155	WZZ	1
Chlorobenzene	< 0.358	2.00	ug/L	0.358	06/03/21 03:09	B1F0155	WZZ	1
Chloroethane	< 0.906	4.00	ug/L	0.906	06/03/21 03:09	B1F0155	WZZ	1
Chloroform	< 0.397	2.00	ug/L	0.397	06/03/21 03:09	B1F0155	WZZ	1
Chloromethane	< 2.23	8.00	ug/L	2.23	06/03/21 03:09	B1F0155	WZZ	1
cis-1,2-Dichloroethene	3.76	2.00	ug/L	0.421	06/03/21 03:09	B1F0155	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L	0.278	06/03/21 03:09	B1F0155	WZZ	1
Dibromochloromethane	< 0.492	2.00	ug/L	0.492	06/03/21 03:09	B1F0155	WZZ	1
Ethylbenzene	< 0.431	2.00	ug/L	0.431	06/03/21 03:09	B1F0155	WZZ	1
m,p-Xylene	< 0.310	4.00	ug/L	0.310	06/03/21 03:09	B1F0155	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00	ug/L	0.322	06/03/21 03:09	B1F0155	WZZ	1
Methylene chloride	< 0.358	2.00	ug/L	0.358	06/03/21 03:09	B1F0155	WZZ	1
Naphthalene	< 0.377	2.00	ug/L	0.377	06/03/21 03:09	B1F0155	WZZ	1
o-Xylene	< 0.349	2.00	ug/L	0.349	06/03/21 03:09	B1F0155	WZZ	1
Styrene	< 0.534	4.00	ug/L	0.534	06/03/21 03:09	B1F0155	WZZ	1
Tetrachloroethene	71.1	2.00	ug/L	0.400	06/03/21 03:09	B1F0155	WZZ	1
Toluene	< 0.299	2.00	ug/L	0.299	06/03/21 03:09	B1F0155	WZZ	1
trans-1,2-Dichloroethene	0.469	2.00	J ug/L	0.433	06/03/21 03:09	B1F0155	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L	0.314	06/03/21 03:09	B1F0155	WZZ	1
Trichloroethene	21.4	2.00	ug/L	0.439	06/03/21 03:09	B1F0155	WZZ	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-2
Report Date: 06/10/2021
Collection Date: 05/26/2021 13:45
Matrix: Groundwater
Lab ID: 21E0915-02 (Continued)

Analyses	Result	EMT Reporting		MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual Units						
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	06/03/21 03:09	B1F0155	WZZ	1	
Vinyl chloride	< 0.316	2.00	ug/L	0.316	06/03/21 03:09	B1F0155	WZZ	1	
Xylenes, Total	< 0.660	6.00	ug/L	0.660	06/03/21 03:09	B1F0155	WZZ	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L	0.592	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: Dibromofluoromethane				Recovery: 99% Limits: 80-135	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 102% Limits: 86-132	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: Fluorobenzene				Recovery: 99% Limits: 80-116	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: Toluene-d8				Recovery: 98% Limits: 73-120	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 97% Limits: 85-114	06/03/21 03:09	B1F0155	WZZ	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 98% Limits: 88-136	06/03/21 03:09	B1F0155	WZZ	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-2R
Report Date: 06/10/2021
Collection Date: 05/26/2021 13:50
Matrix: Groundwater
Lab ID: 21E0915-03

Analyses	Result	EMT		MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual Units					
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	06/03/21 03:34	B1F0155	WZZ	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00	ug/L	0.291	06/03/21 03:34	B1F0155	WZZ	1
1,1,2-Trichloroethane	< 0.264	2.00	ug/L	0.264	06/03/21 03:34	B1F0155	WZZ	1
1,1-Dichloroethane	< 1.94	8.00	ug/L	1.94	06/03/21 03:34	B1F0155	WZZ	1
1,1-Dichloroethene	< 1.02	4.00	ug/L	1.02	06/03/21 03:34	B1F0155	WZZ	1
1,2,4-Trimethylbenzene	< 0.338	2.00	ug/L	0.338	06/03/21 03:34	B1F0155	WZZ	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00	ug/L	0.488	06/03/21 03:34	B1F0155	WZZ	1
1,2-Dibromoethane	< 0.320	2.00	ug/L	0.320	06/03/21 03:34	B1F0155	WZZ	1
1,2-Dichloroethane	< 0.274	2.00	ug/L	0.274	06/03/21 03:34	B1F0155	WZZ	1
1,2-Dichloropropane	< 1.11	4.00	ug/L	1.11	06/03/21 03:34	B1F0155	WZZ	1
1,3,5-Trimethylbenzene	< 0.310	2.00	ug/L	0.310	06/03/21 03:34	B1F0155	WZZ	1
1-Butanol	< 6.69	90.0	ug/L	6.69	06/03/21 03:34	B1F0155	WZZ	1
2-Butanone	< 1.38	8.00	ug/L	1.38	06/03/21 03:34	B1F0155	WZZ	1
2-Hexanone	< 1.04	8.00	ug/L	1.04	06/03/21 03:34	B1F0155	WZZ	1
4-Methyl-2-pentanone	< 0.660	28.0	ug/L	0.660	06/03/21 03:34	B1F0155	WZZ	1
Acetone	< 3.75	28.0	ug/L	3.75	06/03/21 03:34	B1F0155	WZZ	1
Acrolein	< 6.63	20.0	ug/L	6.63	06/03/21 03:34	B1F0155	WZZ	1
Acrylonitrile	< 0.742	4.00	ug/L	0.742	06/03/21 03:34	B1F0155	WZZ	1
Benzene	< 0.370	2.00	ug/L	0.370	06/03/21 03:34	B1F0155	WZZ	1
Bromodichloromethane	< 0.310	2.00	ug/L	0.310	06/03/21 03:34	B1F0155	WZZ	1
Bromoform	< 0.254	2.00	ug/L	0.254	06/03/21 03:34	B1F0155	WZZ	1
Bromomethane	< 3.30	20.0	ug/L	3.30	06/03/21 03:34	B1F0155	WZZ	1
Carbon disulfide	< 0.259	2.00	ug/L	0.259	06/03/21 03:34	B1F0155	WZZ	1
Carbon tetrachloride	< 0.390	2.00	ug/L	0.390	06/03/21 03:34	B1F0155	WZZ	1
Chlorobenzene	< 0.358	2.00	ug/L	0.358	06/03/21 03:34	B1F0155	WZZ	1
Chloroethane	< 0.906	4.00	ug/L	0.906	06/03/21 03:34	B1F0155	WZZ	1
Chloroform	< 0.397	2.00	ug/L	0.397	06/03/21 03:34	B1F0155	WZZ	1
Chloromethane	< 2.23	8.00	ug/L	2.23	06/03/21 03:34	B1F0155	WZZ	1
cis-1,2-Dichloroethene	3.88	2.00	ug/L	0.421	06/03/21 03:34	B1F0155	WZZ	1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L	0.278	06/03/21 03:34	B1F0155	WZZ	1
Dibromochloromethane	< 0.492	2.00	ug/L	0.492	06/03/21 03:34	B1F0155	WZZ	1
Ethylbenzene	< 0.431	2.00	ug/L	0.431	06/03/21 03:34	B1F0155	WZZ	1
m,p-Xylene	< 0.310	4.00	ug/L	0.310	06/03/21 03:34	B1F0155	WZZ	1
Methyl tert-butyl ether	< 0.322	2.00	ug/L	0.322	06/03/21 03:34	B1F0155	WZZ	1
Methylene chloride	< 0.358	2.00	ug/L	0.358	06/03/21 03:34	B1F0155	WZZ	1
Naphthalene	< 0.377	2.00	ug/L	0.377	06/03/21 03:34	B1F0155	WZZ	1
o-Xylene	< 0.349	2.00	ug/L	0.349	06/03/21 03:34	B1F0155	WZZ	1
Styrene	< 0.534	4.00	ug/L	0.534	06/03/21 03:34	B1F0155	WZZ	1
Tetrachloroethene	81.8	2.00	ug/L	0.400	06/03/21 03:34	B1F0155	WZZ	1
Toluene	< 0.299	2.00	ug/L	0.299	06/03/21 03:34	B1F0155	WZZ	1
trans-1,2-Dichloroethene	< 0.433	2.00	ug/L	0.433	06/03/21 03:34	B1F0155	WZZ	1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L	0.314	06/03/21 03:34	B1F0155	WZZ	1
Trichloroethene	22.9	2.00	ug/L	0.439	06/03/21 03:34	B1F0155	WZZ	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Client Sample ID: MW-2R
Report Date: 06/10/2021
Collection Date: 05/26/2021 13:50
Matrix: Groundwater
Lab ID: 21E0915-03 (Continued)

Analyses	Result	EMT Reporting		MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Limit	Qual Units						
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	06/03/21 03:34	B1F0155	WZZ	1	
Vinyl chloride	< 0.316	2.00	ug/L	0.316	06/03/21 03:34	B1F0155	WZZ	1	
Xylenes, Total	< 0.660	6.00	ug/L	0.660	06/03/21 03:34	B1F0155	WZZ	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L	0.592	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: Dibromofluoromethane				Recovery: 103% Limits: 80-135	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 102% Limits: 86-132	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: Fluorobenzene				Recovery: 99% Limits: 80-116	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: Toluene-d8				Recovery: 100% Limits: 73-120	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 99% Limits: 85-114	06/03/21 03:34	B1F0155	WZZ	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 98% Limits: 88-136	06/03/21 03:34	B1F0155	WZZ	1	

Dates Report

Client: United Engineering Consultants, Inc.

Report Date: 06/10/2021

Project: UEC Analysis
19044

Work Order: 21E0915

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
21E0915-01	MW-4	05/26/21	Groundwater	Volatile Organic Compounds (WDNR) by GC/MS		06/02/21 15:49	06/03/21 02:43	B1F0155	S1F0061
21E0915-02	MW-2	05/26/21		Volatile Organic Compounds (WDNR) by GC/MS		06/02/21 15:49	06/03/21 03:09		
21E0915-03	MW-2R	05/26/21		Volatile Organic Compounds (WDNR) by GC/MS		06/02/21 15:49	06/03/21 03:34		

Quality Control

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19044
Work Order: 21E0915

Report Date: 06/10/2021
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: B1F0155 - SW5030

Blank (B1F0155-BLK1)

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 20:18

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

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 06/10/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21E0915**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: B1F0155 - SW5030 (Continued)**Blank (B1F0155-BLK1) (Continued)**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 20:18

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
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Surrogate: Dibromofluoromethane	21.0		ug/L	20.00		105	80-135				1
Surrogate: 1,2-Dichloroethane-d4	20.7		ug/L	20.00		103	86-132				1
Surrogate: Fluorobenzene	19.5		ug/L	20.00		97	80-116				1
Surrogate: Toluene-d8	20.2		ug/L	20.00		101	73-120				1
Surrogate: 4-Bromofluorobenzene	9.78		ug/L	10.00		98	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	20.0		ug/L	20.00		100	88-136				1

LCS (B1F0155-BS1)

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 18:24

1,1,1-Trichloroethane	49.0	2.00	ug/L	50.00		98	74-131				1
1,1,1,2-Tetrachloroethane	42.4	2.00	ug/L	50.00		85	71-121				1
1,1,2-Trichloroethane	49.0	2.00	ug/L	50.00		98	80-119				1
1,1-Dichloroethane	46.8	8.00	ug/L	50.00		94	77-125				1
1,1-Dichloroethene	49.2	4.00	ug/L	50.00		98	71-131				1
1,2,4-Trimethylbenzene	45.4	2.00	ug/L	50.00		91	76-124				1
1,2-Dibromo-3-chloropropane	41.3	2.00	ug/L	50.00		83	62-128				1
1,2-Dibromoethane	43.7	2.00	ug/L	50.00		87	77-121				1
1,2-Dichloroethane	49.6	2.00	ug/L	50.00		99	73-128				1
1,2-Dichloropropane	47.6	4.00	ug/L	50.00		95	78-122				1
1,3,5-Trimethylbenzene	45.8	2.00	ug/L	50.00		92	75-124				1
1-Butanol	423	90.0	ug/L	500.0		85	70-130				1
2-Butanone	149	8.00	ug/L	175.0		85	56-143				1
2-Hexanone	156	8.00	ug/L	175.0		89	57-139				1
4-Methyl-2-pentanone	176	28.0	ug/L	175.0		101	67-130				1
Acetone	145	28.0	ug/L	175.0		83	39-160				1
Acrolein	121	20.0	ug/L	125.0		97	39-155				1
Acrylonitrile	46.1	4.00	ug/L	50.00		92	63-135				1
Benzene	47.1	2.00	ug/L	50.00		94	79-120				1
Bromodichloromethane	49.1	2.00	ug/L	50.00		98	79-125				1
Bromoform	46.4	2.00	ug/L	50.00		93	66-130				1
Bromomethane	58.7	20.0	ug/L	50.00		117	53-141				1
Carbon disulfide	47.2	2.00	ug/L	50.00		94	64-133				1
Carbon tetrachloride	55.3	2.00	ug/L	50.00		111	72-136				1
Chlorobenzene	46.1	2.00	ug/L	50.00		92	82-118				1
Chloroethane	46.9	4.00	ug/L	50.00		94	60-138				1
Chloroform	46.9	2.00	ug/L	50.00		94	79-124				1
Chloromethane	46.4	8.00	ug/L	50.00		93	50-139				1
cis-1,2-Dichloroethene	45.1	2.00	ug/L	50.00		90	78-123				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 06/10/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21E0915**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: B1F0155 - SW5030 (Continued)**LCS (B1F0155-BS1) (Continued)**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 18:24

cis-1,3-Dichloropropene	48.8	2.00	ug/L	50.00		98	75-124				1
Dibromochloromethane	48.2	2.00	ug/L	50.00		96	74-126				1
Ethylbenzene	45.8	2.00	ug/L	50.00		92	79-121				1
m,p-Xylene	95.4	4.00	ug/L	100.0		95	80-136				1
Methyl tert-butyl ether	47.9	2.00	ug/L	50.00		96	71-124				1
Methylene chloride	46.8	2.00	ug/L	50.00		94	74-124				1
Naphthalene	45.0	2.00	ug/L	50.00		90	61-128				1
o-Xylene	43.7	2.00	ug/L	50.00		87	78-122				1
Styrene	47.3	4.00	ug/L	50.00		95	78-123				1
Tetrachloroethene	42.7	2.00	ug/L	50.00		85	74-129				1
Toluene	44.7	2.00	ug/L	50.00		89	80-133				1
trans-1,2-Dichloroethene	46.2	2.00	ug/L	50.00		92	75-124				1
trans-1,3-Dichloropropene	48.1	2.00	ug/L	50.00		96	73-127				1
Trichloroethene	49.5	2.00	ug/L	50.00		99	79-123				1
Vinyl acetate	44.4	8.00	ug/L	50.00		89	54-146				1
Vinyl chloride	48.0	2.00	ug/L	50.00		96	58-137				1
Xylenes, Total	139	6.00	ug/L	150.0		93	79-121				1
1,3-Dichloropropene, Total	96.9	4.00	ug/L	100.0		97	77-123				1
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Surrogate: Dibromofluoromethane	19.6		ug/L	20.00		98	80-135				1
Surrogate: 1,2-Dichloroethane-d4	20.7		ug/L	20.00		103	86-132				1
Surrogate: Fluorobenzene	20.5		ug/L	20.00		103	80-116				1
Surrogate: Toluene-d8	19.3		ug/L	20.00		97	73-120				1
Surrogate: 4-Bromofluorobenzene	9.33		ug/L	10.00		93	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	19.7		ug/L	20.00		98	88-136				1

Matrix Spike (B1F0155-MS1)**Source: 21E0922-01**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 19:01

1,1,1-Trichloroethane	45.3	2.00	ug/L	50.00	ND	91	70-130				1
1,1,1,2-Tetrachloroethane	37.6	2.00	ug/L	50.00	ND	75	70-130				1
1,1,2-Trichloroethane	44.3	2.00	ug/L	50.00	ND	89	70-130				1
1,1-Dichloroethane	42.7	8.00	ug/L	50.00	ND	85	70-130				1
1,1-Dichloroethene	45.9	4.00	ug/L	50.00	ND	92	70-130				1
1,2,4-Trimethylbenzene	44.9	2.00	ug/L	50.00	ND	90	70-130				1
1,2-Dibromo-3-chloropropane	35.9	2.00	ug/L	50.00	ND	72	70-130				1
1,2-Dibromoethane	41.1	2.00	ug/L	50.00	ND	82	70-130				1
1,2-Dichloroethane	45.1	2.00	ug/L	50.00	ND	90	70-130				1
1,2-Dichloropropane	44.3	4.00	ug/L	50.00	ND	89	70-130				1
1,3,5-Trimethylbenzene	44.1	2.00	ug/L	50.00	ND	88	70-130				1
1-Butanol	392	90.0	ug/L	500.0	ND	78	70-130				1
2-Butanone	128	8.00	ug/L	175.0	ND	73	70-130				1
2-Hexanone	131	8.00	ug/L	175.0	ND	75	70-130				1
4-Methyl-2-pentanone	153	28.0	ug/L	175.0	ND	87	70-130				1
Acetone	117	28.0	ug/L	175.0	ND	67	70-130			S	1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 06/10/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21E0915**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: B1F0155 - SW5030 (Continued)**Matrix Spike (B1F0155-MS1) (Continued)****Source: 21E0922-01**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 19:01

Acrolein	110	20.0	ug/L	125.0	ND	88	70-130				1
Acrylonitrile	38.8	4.00	ug/L	50.00	ND	78	70-130				1
Benzene	44.0	2.00	ug/L	50.00	ND	88	70-130				1
Bromodichloromethane	46.9	2.00	ug/L	50.00	ND	94	70-130				1
Bromoform	43.3	2.00	ug/L	50.00	ND	87	70-130				1
Bromomethane	50.6	20.0	ug/L	50.00	ND	101	70-130				1
Carbon disulfide	45.7	2.00	ug/L	50.00	ND	91	70-130				1
Carbon tetrachloride	52.7	2.00	ug/L	50.00	ND	105	70-130				1
Chlorobenzene	44.0	2.00	ug/L	50.00	ND	88	70-130				1
Chloroethane	42.0	4.00	ug/L	50.00	ND	84	70-130				1
Chloroform	43.4	2.00	ug/L	50.00	ND	87	70-130				1
Chloromethane	40.7	8.00	ug/L	50.00	ND	81	70-130				1
cis-1,2-Dichloroethene	42.4	2.00	ug/L	50.00	ND	85	70-130				1
cis-1,3-Dichloropropene	46.3	2.00	ug/L	50.00	ND	93	70-130				1
Dibromochloromethane	43.8	2.00	ug/L	50.00	ND	88	70-130				1
Ethylbenzene	44.1	2.00	ug/L	50.00	ND	88	70-130				1
m,p-Xylene	90.7	4.00	ug/L	100.0	ND	91	70-130				1
Methyl tert-butyl ether	44.3	2.00	ug/L	50.00	ND	89	70-130				1
Methylene chloride	42.2	2.00	ug/L	50.00	ND	84	70-130				1
Naphthalene	40.6	2.00	ug/L	50.00	ND	81	70-130				1
o-Xylene	42.7	2.00	ug/L	50.00	ND	85	70-130				1
Styrene	43.9	4.00	ug/L	50.00	ND	88	70-130				1
Tetrachloroethene	41.6	2.00	ug/L	50.00	ND	83	70-130				1
Toluene	41.9	2.00	ug/L	50.00	ND	84	70-130				1
trans-1,2-Dichloroethene	44.9	2.00	ug/L	50.00	ND	90	70-130				1
trans-1,3-Dichloropropene	45.0	2.00	ug/L	50.00	ND	90	70-130				1
Trichloroethene	47.8	2.00	ug/L	50.00	ND	96	70-130				1
Vinyl acetate	39.9	8.00	ug/L	50.00	ND	80	70-130				1
Vinyl chloride	45.1	2.00	ug/L	50.00	ND	90	70-130				1
Xylenes, Total	133	6.00	ug/L	150.0	ND	89	70-130				1
1,3-Dichloropropene, Total	91.4	4.00	ug/L	100.0	ND	91	70-130				1
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Surrogate: Dibromofluoromethane	19.7		ug/L	20.00		98	80-135				1
Surrogate: 1,2-Dichloroethane-d4	21.1		ug/L	20.00		105	86-132				1
Surrogate: Fluorobenzene	19.6		ug/L	20.00		98	80-116				1
Surrogate: Toluene-d8	19.4		ug/L	20.00		97	73-120				1
Surrogate: 4-Bromofluorobenzene	9.86		ug/L	10.00		99	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	19.5		ug/L	20.00		97	88-136				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 06/10/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21E0915**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: B1F0155 - SW5030 (Continued)**Matrix Spike Dup (B1F0155-MSD1)****Source: 21E0922-01**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 19:26

1,1,1-Trichloroethane	48.5	2.00	ug/L	50.00	ND	97	70-130	7	20		1
1,1,1,2-Tetrachloroethane	41.9	2.00	ug/L	50.00	ND	84	70-130	11	20		1
1,1,2-Trichloroethane	48.9	2.00	ug/L	50.00	ND	98	70-130	10	20		1
1,1-Dichloroethane	47.6	8.00	ug/L	50.00	ND	95	70-130	11	20		1
1,1-Dichloroethene	49.2	4.00	ug/L	50.00	ND	98	70-130	7	20		1
1,2,4-Trimethylbenzene	47.0	2.00	ug/L	50.00	ND	94	70-130	5	20		1
1,2-Dibromo-3-chloropropane	41.6	2.00	ug/L	50.00	ND	83	70-130	15	20		1
1,2-Dibromoethane	45.3	2.00	ug/L	50.00	ND	91	70-130	10	20		1
1,2-Dichloroethane	49.5	2.00	ug/L	50.00	ND	99	70-130	9	20		1
1,2-Dichloropropane	47.6	4.00	ug/L	50.00	ND	95	70-130	7	20		1
1,3,5-Trimethylbenzene	46.7	2.00	ug/L	50.00	ND	93	70-130	6	20		1
1-Butanol	407	90.0	ug/L	500.0	ND	81	70-130	4	20		1
2-Butanone	141	8.00	ug/L	175.0	ND	81	70-130	10	20		1
2-Hexanone	153	8.00	ug/L	175.0	ND	87	70-130	16	20		1
4-Methyl-2-pentanone	167	28.0	ug/L	175.0	ND	95	70-130	9	20		1
Acetone	135	28.0	ug/L	175.0	ND	77	70-130	14	20		1
Acrolein	123	20.0	ug/L	125.0	ND	98	70-130	12	20		1
Acrylonitrile	46.3	4.00	ug/L	50.00	ND	93	70-130	18	20		1
Benzene	47.3	2.00	ug/L	50.00	ND	95	70-130	7	20		1
Bromodichloromethane	48.3	2.00	ug/L	50.00	ND	97	70-130	3	20		1
Bromoform	46.4	2.00	ug/L	50.00	ND	93	70-130	7	20		1
Bromomethane	59.6	20.0	ug/L	50.00	ND	119	70-130	16	20		1
Carbon disulfide	49.4	2.00	ug/L	50.00	ND	99	70-130	8	20		1
Carbon tetrachloride	55.1	2.00	ug/L	50.00	ND	110	70-130	4	20		1
Chlorobenzene	46.5	2.00	ug/L	50.00	ND	93	70-130	6	20		1
Chloroethane	47.6	4.00	ug/L	50.00	ND	95	70-130	13	20		1
Chloroform	48.0	2.00	ug/L	50.00	ND	96	70-130	10	20		1
Chloromethane	47.2	8.00	ug/L	50.00	ND	94	70-130	15	20		1
cis-1,2-Dichloroethene	45.2	2.00	ug/L	50.00	ND	90	70-130	6	20		1
cis-1,3-Dichloropropene	48.7	2.00	ug/L	50.00	ND	97	70-130	5	20		1
Dibromochloromethane	47.7	2.00	ug/L	50.00	ND	95	70-130	9	20		1
Ethylbenzene	47.8	2.00	ug/L	50.00	ND	96	70-130	8	20		1
m,p-Xylene	96.9	4.00	ug/L	100.0	ND	97	70-130	7	20		1
Methyl tert-butyl ether	47.6	2.00	ug/L	50.00	ND	95	70-130	7	20		1
Methylene chloride	47.1	2.00	ug/L	50.00	ND	94	70-130	11	20		1
Naphthalene	44.2	2.00	ug/L	50.00	ND	88	70-130	8	20		1
o-Xylene	45.6	2.00	ug/L	50.00	ND	91	70-130	6	20		1
Styrene	47.8	4.00	ug/L	50.00	ND	96	70-130	8	20		1
Tetrachloroethene	43.5	2.00	ug/L	50.00	ND	87	70-130	4	20		1
Toluene	45.2	2.00	ug/L	50.00	ND	90	70-130	7	20		1
trans-1,2-Dichloroethene	47.6	2.00	ug/L	50.00	ND	95	70-130	6	20		1
trans-1,3-Dichloropropene	48.1	2.00	ug/L	50.00	ND	96	70-130	7	20		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 06/10/2021**Project:** UEC Analysis
19044**Matrix:** Water**Work Order:** 21E0915**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: B1F0155 - SW5030 (Continued)**Matrix Spike Dup (B1F0155-MSD1)** (Continued)**Source: 21E0922-01**

Prepared: 06/02/2021 15:49 Analyzed: 06/02/2021 19:26

Trichloroethene	49.0	2.00	ug/L	50.00	ND	98	70-130	2	20		1
Vinyl acetate	42.8	8.00	ug/L	50.00	ND	86	70-130	7	20		1
Vinyl chloride	49.8	2.00	ug/L	50.00	ND	100	70-130	10	20		1
Xylenes, Total	142	6.00	ug/L	150.0	ND	95	70-130	7	20		1
1,3-Dichloropropene, Total	96.8	4.00	ug/L	100.0	ND	97	70-130	6	20		1
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Surrogate: Dibromofluoromethane	20.0		ug/L	20.00		100	80-135				1
Surrogate: 1,2-Dichloroethane-d4	21.6		ug/L	20.00		108	86-132				1
Surrogate: Fluorobenzene	20.0		ug/L	20.00		100	80-116				1
Surrogate: Toluene-d8	19.0		ug/L	20.00		95	73-120				1
Surrogate: 4-Bromofluorobenzene	9.37		ug/L	10.00		94	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	18.6		ug/L	20.00		93	88-136				1

Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>SW-846 8260B/WDNR: PUBL-FW-140 in Water</i>		
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

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	03/31/2022
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562020-3	07/27/2021
ISO	ISO/IEC 17025, Accredited by PJLA	L18-184-R1	03/31/2022
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	08/31/2021

Qualifiers and Definitions

Item	Description
J	The reported result is an estimated value.
S	The quality control sample recovery is outside of the laboratory control limits.
%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



21E0915
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 #: **236384**

Company: <u>UEC, INC.</u>				Sample Type:				Analyses EMT USE ONLY EMT WORKORDER #21E0915						
Address: <u>2938 S. 166TH STREET</u> <u>NEW BERLIN, WI 53151</u>				1. Waste Water 4. Sludge 7. Groundwater (filtered) 2. Drinking Water 5. Oil 8. Other 3. Soil 6. Groundwater										
Phone #: <u>(262) 785-1447</u> Fax #: <u>(262) 706-4400</u>				Container Type:				VOC						
P.O. #: _____ Proj. #: _____				P - Plastic V - VOC Vial O - Other G - Glass B - Tedlar Bag										
Client Contact: <u>T. ANDERSON</u>				Preservative:				VOC						
Project ID / Location: <u>19044</u>				1. None 4. NaOH 7. Zn Ace 2. H2SO4 5. HCl 8. Other 3. HNO3 6. MeOH										
Sample I.D.	Sample Type	Container			Sampling				Preservation					
		Size	Type	No.	By	Date	Time	pH	Temp.	Field				Lab
MW-4	6	40ML	G	3	NJA	5/28/21	14:10	-	-	5			X	01 A-C
MW-1	↓	↓	↓	↓	↓	↓	13:45	-	-	↓			X	02 A-C
MW-1R	↓	↓	↓	↓	↓	↓	13:50	-	-	↓			X	03 A-C
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	EMT USE ONLY		<input checked="" type="checkbox"/> SAMPLE RECEIVED ON ICE <input type="checkbox"/> TEMPERATURE						
<i>Michael Anderson</i>	5-28-21	11:00	<i>Uthavate</i>	5-28-21	11:00	Client Code:								
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	EMT Project I.D.		1.9 EMT SAMPLE RETURN POLICY ON BACK						
<i>Uthavate</i>	5-28-21	12:30		-	:									
Relinquished By:	Date:	Time:	Received For Lab By:	Date:	Time:	Jar Lot No.								
	-	:	<i>9 with 2 end</i>	05-28-2021	12:30									

SPECIAL INSTRUCTIONS:

Sample Receipt Checklist

Work Order: 21E0915

Printed: 5/28/2021 2:04:46PM

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

Date Due: Wednesday, June 9, 2021

Received By: Keith Wesseling

Date Received: 05/28/21 12:30

Logged In By: Keith Wesseling

Date Logged In: 05/28/21 13:59

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: 21E0915

The samples were received on 05/28/21 12:30. The temperature of the cooler(s) at receipt was:

Cooler	Temp C°
Default Cooler	1.9

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

Sample (02) (3 vial(s)) contain larger than pea-sized (6 mm) air bubbles.

Samples going out of hold time within 24 hours:

Reviewed By: 922

Date: 05/28/2021