

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 #)	
ONE HOUR MARTINIZING - MILWAUKEE		02-41-584106	
Address	City	State	ZIP Code
233/235 W. LAYTON AVENUE	MILWAUKEE	WI	53207

Responsible Party

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

Property Owner

GOTTFRIED REAL ESTATE LLC

Address	City	State	ZIP Code
PO BOX 26	MUSKEGO	WI	53212
Contact Person	Phone Number (include area code)		
BRIAN GOTTFRIED	(414) 416-5665		

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)

Page 2 of 2

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		HENNING	KYLE	
Address		City	State	ZIP Code
2938 S. 166TH STREET		NEW BERLIN	WI	53151
Phone # (inc. area code)	Email			
(262) 785-1447	KHUEC@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)		
ALESSI	TIMOTHY	(414) 263-8563		
Address		City	State	ZIP Code
2300 N. DR. MARTIN LUTHER KING JR. DRIVE		MILWAUKEE	WI	53212
Email				
TIMOTHY.ALESSI@WISCONSIN.GOV				

Legend

- Property Line
- Combined Sewer Line
- NG- Natural Gas Line
- W- Water Line
- UE- Underground Electric Line
- OE- Overhead Electric Line
- ⊕ GP29 Soil Boring Location (DBG)
- ⊕ MW-1 Monitoring Well Location

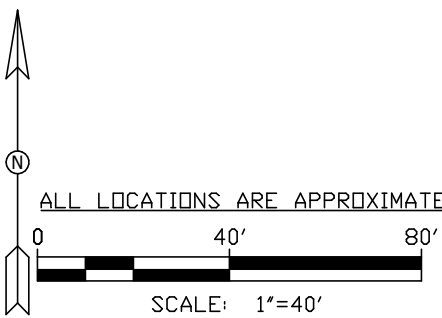
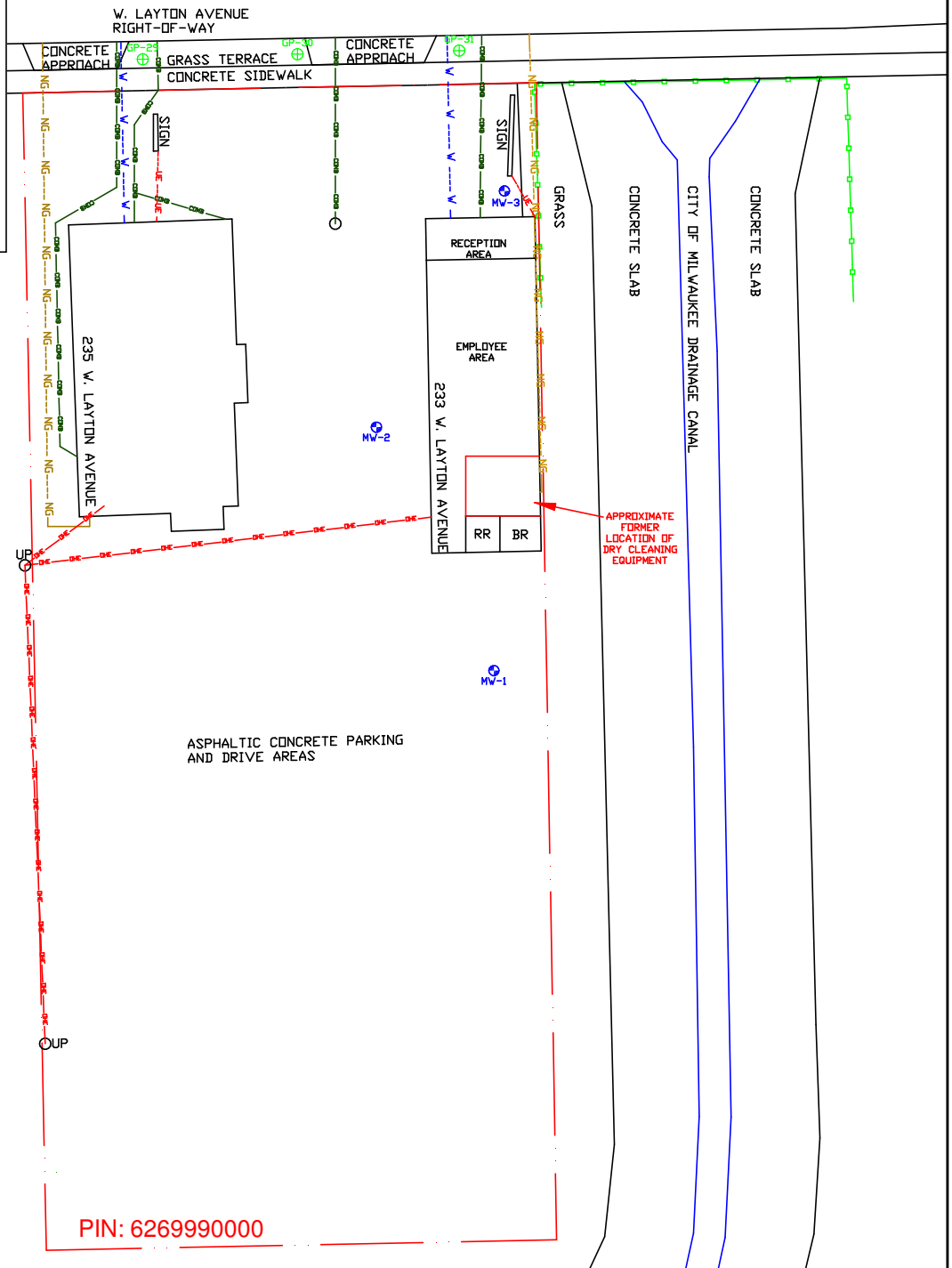


Figure: Groundwater Monitoring Well Location Map

**United Engineering
Consultants, Inc.**

2938 S. 166th Street
New Berlin, WI 53151
Tel. (262) 785-1447
Fax (262) 706-4400

#19006

DRAWN BY: NJA

DATE: 03/03/2020

Site Investigation Sample Results Notification
One Hour Martinizing - Milwaukee /
Wisconsin Auto Title Loans
233/235 W. Layton Avenue
Milwaukee, WI 53207

Table 3
VOC Analytical Results - Groundwater
One Hour Martinizing - Milwaukee / Wisconsin Auto Title Loans
233/235 W. Layton Avenue
Milwaukee, Wisconsin 53207

Analyte	MW-1	MW-1	MW-2	MW-2 Dup.	MW-2	MW-2 Dup.	MW-3	MW-3	ES	PAL
	12/26/19	03/18/20	12/26/19	12/26/19	03/18/20	03/18/20	12/26/19	03/18/20		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B / PUBL-FW-140 / SW5030)										
Acetone	7.07J	<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	-	-
Acrylonitrile	<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	5	0.5
Bromodichloromethane	<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	4.4	0.44
Bromomethane	<3.30S	<3.30	<3.30S	<3.30S	<3.30	<3.30	<3.30S	<3.30	10	1
1-Butanol	<6.69S	<6.69	<6.69S	<6.69S	<6.69	<6.69	<6.69S	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	0.640J	0.660J,B	<0.259	<0.259	0.620J,B	0.630J,B	<0.259	0.980J,B	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	-	-
Chloroethane	<0.906S	<0.906	<0.906S	<0.906S	<0.906	<0.906	<0.906S	<0.906	400	80
Chloroform	<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	30	3
1,2-Dibromo-3-chloropropane	<0.488S	<0.488	<0.488S	<0.488S	<0.488	<0.488	<0.488S	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<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	<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	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<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	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<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	700	140
cis-1,3-Dichloropropene	<0.278	<0.278	<0.278	<0.278	<0.278	<0.278	<0.278	<0.278	-	-
trans-1,3-Dichloropropene	<0.314	<0.314	<0.314	<0.314	<0.314	<0.314	<0.314	<0.314	-	-
1,3-Dichloropropene, Total	<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	700	140
2-Hexanone	<1.04	1.85J,B	<1.04	<1.04	1.80J,B	1.94J,B	<1.04	1.93J,B	-	-
4-Methyl-2-pentanone	<0.660	<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	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.534	<0.534	<0.534	<0.534	<0.534	<0.534	<0.534	<0.534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	0.710J*	10.7	9.97	29.6	27.4	<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	<0.338	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310	<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	800	160
1,1,1-Trichloroethane	<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	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	0.850J*	0.820J*	<0.439	<0.439	5	0.5
Vinyl acetate	<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	0.2	0.02
m,p-Xylene	<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	-	-
Xylenes, Total	<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
J Analyte detected between the Limit of Detection and Limit of Quantitation
S The quality control sample recovery is outside of the laboratory control limits.
B Analyte was present in the method blank
* Not considered an exceedance per NR 140.14(3)

Table 3
VOC Analytical Results - Groundwater
One Hour Martinizing - Milwaukee / Wisconsin Auto Title Loans
233/235 W. Layton Avenue
Milwaukee, Wisconsin 53207

Analyte	Trip Blank	Trip Blank	ES	PAL
	12/26/19	03/19/20		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B / PUBL-FW-140 / SW5030)				
Acetone	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30S	<3.30S	10	1
1-Butanol	<6.69S	<6.69S	-	-
2-Butanone	<1.38	<1.38	-	-
Carbon disulfide	<0.259	0.570J,B	1000	200
Carbon tetrachloride	<0.390	<0.390	5	0.5
Chlorobenzene	<0.358	<0.358	-	-
Chloroethane	<0.906S	<0.906S	400	80
Chloroform	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488S	<0.488S	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	0.280J	5	0.5
1,1-Dichloroethene	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	700	140
cis-1,3-Dichloropropene	<0.278	<0.278	-	-
trans-1,3-Dichloropropene	<0.314	<0.314	-	-
1,3-Dichloropropene, Total	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	700	140
2-Hexanone	<1.04	2.07J,B	-	-
4-Methyl-2-pentanone	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	5	0.5
Styrene	<0.534	<0.534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	<0.400	5	0.5
1,2,4-Trimethylbenzene	<0.338	<0.338	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310		
Toluene	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	-	-
Xylenes, Total	<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
J Analyte detected between the Limit of Detection and Limit of Quantitation
S The quality control sample recovery is outside of the laboratory control limits.
B Analyte was present in the method blank

Analytical Report

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

March 25, 2020

Work Order: 20C0802

RE: Waste Characterization
19006

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.

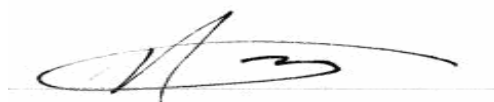
Sincerely,



Jacoby Jackson
Project Manager
847.967.6666
jjackson@emt.com

Approved for release: 3/25/2020 3:54:29PM

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-1	20C0802-01	Groundwater	03/19/20 09:00	03/20/20 14:00
MW-2	20C0802-02	Groundwater	03/19/20 09:15	03/20/20 14:00
MW-2 Dup	20C0802-03	Groundwater	03/19/20 09:30	03/20/20 14:00
MW-3	20C0802-04	Groundwater	03/19/20 09:45	03/20/20 14:00
Trip Blank	20C0802-05	Groundwater	03/19/20 00:00	03/20/20 14:00

Case Narrative

Client: United Engineering Consultants, Inc.

Date: 03/25/2020

Project: Waste Characterization
19006

Work Order: 20C0802

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

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

Work Order: 20C0802

The samples were received on 03/20/20 14:00. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	2.1

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

GC-MS Volatiles

WDNR_VOC

BOC0876-BLK1: There were some trace detects in the blank that were all below half of the reporting limit and all affected compounds in the samples were reported as non-detected or "J" flagged below the reporting limits. The detects in the blank did not create any false positive values.

Client Sample Results

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-1
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:00
Matrix: Groundwater
Lab ID: 20C0802-01

Analyses	Result	EMT		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual							
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	03/22/20 23:51	BOC0876	KS1	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L		0.291	03/22/20 23:51	BOC0876	KS1	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L		0.264	03/22/20 23:51	BOC0876	KS1	1
1,1-Dichloroethane	< 1.94	8.00		ug/L		1.94	03/22/20 23:51	BOC0876	KS1	1
1,1-Dichloroethene	< 1.02	4.00		ug/L		1.02	03/22/20 23:51	BOC0876	KS1	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L		0.338	03/22/20 23:51	BOC0876	KS1	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L		0.488	03/22/20 23:51	BOC0876	KS1	1
1,2-Dibromoethane	< 0.320	2.00		ug/L		0.320	03/22/20 23:51	BOC0876	KS1	1
1,2-Dichloroethane	< 0.274	2.00		ug/L		0.274	03/22/20 23:51	BOC0876	KS1	1
1,2-Dichloropropane	< 1.11	4.00		ug/L		1.11	03/22/20 23:51	BOC0876	KS1	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L		0.310	03/22/20 23:51	BOC0876	KS1	1
1-Butanol	< 6.69	90.0		ug/L		6.69	03/22/20 23:51	BOC0876	KS1	1
2-Butanone	< 1.38	8.00		ug/L		1.38	03/22/20 23:51	BOC0876	KS1	1
2-Hexanone	1.85	8.00	J, B	ug/L		1.04	03/22/20 23:51	BOC0876	KS1	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L		0.660	03/22/20 23:51	BOC0876	KS1	1
Acetone	< 3.75	28.0		ug/L		3.75	03/22/20 23:51	BOC0876	KS1	1
Acrolein	< 6.63	20.0		ug/L		6.63	03/22/20 23:51	BOC0876	KS1	1
Acrylonitrile	< 0.742	4.00		ug/L		0.742	03/22/20 23:51	BOC0876	KS1	1
Benzene	< 0.370	2.00		ug/L		0.370	03/22/20 23:51	BOC0876	KS1	1
Bromodichloromethane	< 0.310	2.00		ug/L		0.310	03/22/20 23:51	BOC0876	KS1	1
Bromoform	< 0.254	2.00		ug/L		0.254	03/22/20 23:51	BOC0876	KS1	1
Bromomethane	< 3.30	20.0		ug/L		3.30	03/22/20 23:51	BOC0876	KS1	1
Carbon disulfide	0.660	2.00	J, B	ug/L		0.259	03/22/20 23:51	BOC0876	KS1	1
Carbon tetrachloride	< 0.390	2.00		ug/L		0.390	03/22/20 23:51	BOC0876	KS1	1
Chlorobenzene	< 0.358	2.00		ug/L		0.358	03/22/20 23:51	BOC0876	KS1	1
Chloroethane	< 0.906	4.00		ug/L		0.906	03/22/20 23:51	BOC0876	KS1	1
Chloroform	< 0.397	2.00		ug/L		0.397	03/22/20 23:51	BOC0876	KS1	1
Chloromethane	< 2.23	8.00		ug/L		2.23	03/22/20 23:51	BOC0876	KS1	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L		0.421	03/22/20 23:51	BOC0876	KS1	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L		0.278	03/22/20 23:51	BOC0876	KS1	1
Dibromochloromethane	< 0.492	2.00		ug/L		0.492	03/22/20 23:51	BOC0876	KS1	1
Ethylbenzene	< 0.431	2.00		ug/L		0.431	03/22/20 23:51	BOC0876	KS1	1
m,p-Xylene	< 0.310	4.00		ug/L		0.310	03/22/20 23:51	BOC0876	KS1	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L		0.322	03/22/20 23:51	BOC0876	KS1	1
Methylene chloride	< 0.358	2.00		ug/L		0.358	03/22/20 23:51	BOC0876	KS1	1
o-Xylene	< 0.349	2.00		ug/L		0.349	03/22/20 23:51	BOC0876	KS1	1
Styrene	< 0.534	4.00		ug/L		0.534	03/22/20 23:51	BOC0876	KS1	1
Tetrachloroethene	0.710	2.00	J	ug/L		0.400	03/22/20 23:51	BOC0876	KS1	1
Toluene	< 0.299	2.00		ug/L		0.299	03/22/20 23:51	BOC0876	KS1	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L		0.433	03/22/20 23:51	BOC0876	KS1	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L		0.314	03/22/20 23:51	BOC0876	KS1	1
Trichloroethene	< 0.439	2.00		ug/L		0.439	03/22/20 23:51	BOC0876	KS1	1
Vinyl acetate	< 1.01	8.00		ug/L		1.01	03/22/20 23:51	BOC0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-1
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:00
Matrix: Groundwater
Lab ID: 20C0802-01 (Continued)

Analyses	EMT Reporting			Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF	
	Result	Limit	Qual Units							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)										
Vinyl chloride	< 0.316	2.00	ug/L		0.316	03/22/20 23:51	B0C0876	KS1	1	
Xylenes, Total	< 0.660	6.00	ug/L		0.660	03/22/20 23:51	B0C0876	KS1	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L		0.592	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: Dibromofluoromethane				Recovery: 102%	Limits: 80-135	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 110%	Limits: 86-132	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: Fluorobenzene				Recovery: 100%	Limits: 80-116	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: Toluene-d8				Recovery: 100%	Limits: 73-120	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 109%	Limits: 85-114	03/22/20 23:51	B0C0876	KS1	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 109%	Limits: 88-136	03/22/20 23:51	B0C0876	KS1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-2
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:15
Matrix: Groundwater
Lab ID: 20C0802-02

Analyses	Result	EMT		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual							
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	03/23/20 00:18	BOC0876	KS1	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L		0.291	03/23/20 00:18	BOC0876	KS1	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L		0.264	03/23/20 00:18	BOC0876	KS1	1
1,1-Dichloroethane	< 1.94	8.00		ug/L		1.94	03/23/20 00:18	BOC0876	KS1	1
1,1-Dichloroethene	< 1.02	4.00		ug/L		1.02	03/23/20 00:18	BOC0876	KS1	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L		0.338	03/23/20 00:18	BOC0876	KS1	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L		0.488	03/23/20 00:18	BOC0876	KS1	1
1,2-Dibromoethane	< 0.320	2.00		ug/L		0.320	03/23/20 00:18	BOC0876	KS1	1
1,2-Dichloroethane	< 0.274	2.00		ug/L		0.274	03/23/20 00:18	BOC0876	KS1	1
1,2-Dichloropropane	< 1.11	4.00		ug/L		1.11	03/23/20 00:18	BOC0876	KS1	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L		0.310	03/23/20 00:18	BOC0876	KS1	1
1-Butanol	< 6.69	90.0		ug/L		6.69	03/23/20 00:18	BOC0876	KS1	1
2-Butanone	< 1.38	8.00		ug/L		1.38	03/23/20 00:18	BOC0876	KS1	1
2-Hexanone	1.80	8.00	J, B	ug/L		1.04	03/23/20 00:18	BOC0876	KS1	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L		0.660	03/23/20 00:18	BOC0876	KS1	1
Acetone	< 3.75	28.0		ug/L		3.75	03/23/20 00:18	BOC0876	KS1	1
Acrolein	< 6.63	20.0		ug/L		6.63	03/23/20 00:18	BOC0876	KS1	1
Acrylonitrile	< 0.742	4.00		ug/L		0.742	03/23/20 00:18	BOC0876	KS1	1
Benzene	< 0.370	2.00		ug/L		0.370	03/23/20 00:18	BOC0876	KS1	1
Bromodichloromethane	< 0.310	2.00		ug/L		0.310	03/23/20 00:18	BOC0876	KS1	1
Bromoform	< 0.254	2.00		ug/L		0.254	03/23/20 00:18	BOC0876	KS1	1
Bromomethane	< 3.30	20.0		ug/L		3.30	03/23/20 00:18	BOC0876	KS1	1
Carbon disulfide	0.620	2.00	J, B	ug/L		0.259	03/23/20 00:18	BOC0876	KS1	1
Carbon tetrachloride	< 0.390	2.00		ug/L		0.390	03/23/20 00:18	BOC0876	KS1	1
Chlorobenzene	< 0.358	2.00		ug/L		0.358	03/23/20 00:18	BOC0876	KS1	1
Chloroethane	< 0.906	4.00		ug/L		0.906	03/23/20 00:18	BOC0876	KS1	1
Chloroform	< 0.397	2.00		ug/L		0.397	03/23/20 00:18	BOC0876	KS1	1
Chloromethane	< 2.23	8.00		ug/L		2.23	03/23/20 00:18	BOC0876	KS1	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L		0.421	03/23/20 00:18	BOC0876	KS1	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L		0.278	03/23/20 00:18	BOC0876	KS1	1
Dibromochloromethane	< 0.492	2.00		ug/L		0.492	03/23/20 00:18	BOC0876	KS1	1
Ethylbenzene	< 0.431	2.00		ug/L		0.431	03/23/20 00:18	BOC0876	KS1	1
m,p-Xylene	< 0.310	4.00		ug/L		0.310	03/23/20 00:18	BOC0876	KS1	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L		0.322	03/23/20 00:18	BOC0876	KS1	1
Methylene chloride	< 0.358	2.00		ug/L		0.358	03/23/20 00:18	BOC0876	KS1	1
o-Xylene	< 0.349	2.00		ug/L		0.349	03/23/20 00:18	BOC0876	KS1	1
Styrene	< 0.534	4.00		ug/L		0.534	03/23/20 00:18	BOC0876	KS1	1
Tetrachloroethene	29.6	2.00		ug/L		0.400	03/23/20 00:18	BOC0876	KS1	1
Toluene	< 0.299	2.00		ug/L		0.299	03/23/20 00:18	BOC0876	KS1	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L		0.433	03/23/20 00:18	BOC0876	KS1	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L		0.314	03/23/20 00:18	BOC0876	KS1	1
Trichloroethene	0.850	2.00	J	ug/L		0.439	03/23/20 00:18	BOC0876	KS1	1
Vinyl acetate	< 1.01	8.00		ug/L		1.01	03/23/20 00:18	BOC0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-2
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:15
Matrix: Groundwater
Lab ID: 20C0802-02 (Continued)

Analyses	EMT			Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF	
	Result	Reporting Limit	Qual Units							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)										
Vinyl chloride	< 0.316	2.00	ug/L		0.316	03/23/20 00:18	B0C0876	KS1	1	
Xylenes, Total	< 0.660	6.00	ug/L		0.660	03/23/20 00:18	B0C0876	KS1	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L		0.592	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: Dibromofluoromethane				Recovery: 102%	Limits: 80-135	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 107%	Limits: 86-132	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: Fluorobenzene				Recovery: 100%	Limits: 80-116	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: Toluene-d8				Recovery: 98%	Limits: 73-120	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 112%	Limits: 85-114	03/23/20 00:18	B0C0876	KS1	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 107%	Limits: 88-136	03/23/20 00:18	B0C0876	KS1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-2 Dup
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:30
Matrix: Groundwater
Lab ID: 20C0802-03

Analyses	Result	EMT		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual							
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	03/23/20 00:45	BOC0876	KS1	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L		0.291	03/23/20 00:45	BOC0876	KS1	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L		0.264	03/23/20 00:45	BOC0876	KS1	1
1,1-Dichloroethane	< 1.94	8.00		ug/L		1.94	03/23/20 00:45	BOC0876	KS1	1
1,1-Dichloroethene	< 1.02	4.00		ug/L		1.02	03/23/20 00:45	BOC0876	KS1	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L		0.338	03/23/20 00:45	BOC0876	KS1	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L		0.488	03/23/20 00:45	BOC0876	KS1	1
1,2-Dibromoethane	< 0.320	2.00		ug/L		0.320	03/23/20 00:45	BOC0876	KS1	1
1,2-Dichloroethane	< 0.274	2.00		ug/L		0.274	03/23/20 00:45	BOC0876	KS1	1
1,2-Dichloropropane	< 1.11	4.00		ug/L		1.11	03/23/20 00:45	BOC0876	KS1	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L		0.310	03/23/20 00:45	BOC0876	KS1	1
1-Butanol	< 6.69	90.0		ug/L		6.69	03/23/20 00:45	BOC0876	KS1	1
2-Butanone	< 1.38	8.00		ug/L		1.38	03/23/20 00:45	BOC0876	KS1	1
2-Hexanone	1.94	8.00	J, B	ug/L		1.04	03/23/20 00:45	BOC0876	KS1	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L		0.660	03/23/20 00:45	BOC0876	KS1	1
Acetone	< 3.75	28.0		ug/L		3.75	03/23/20 00:45	BOC0876	KS1	1
Acrolein	< 6.63	20.0		ug/L		6.63	03/23/20 00:45	BOC0876	KS1	1
Acrylonitrile	< 0.742	4.00		ug/L		0.742	03/23/20 00:45	BOC0876	KS1	1
Benzene	< 0.370	2.00		ug/L		0.370	03/23/20 00:45	BOC0876	KS1	1
Bromodichloromethane	< 0.310	2.00		ug/L		0.310	03/23/20 00:45	BOC0876	KS1	1
Bromoform	< 0.254	2.00		ug/L		0.254	03/23/20 00:45	BOC0876	KS1	1
Bromomethane	< 3.30	20.0		ug/L		3.30	03/23/20 00:45	BOC0876	KS1	1
Carbon disulfide	0.630	2.00	J, B	ug/L		0.259	03/23/20 00:45	BOC0876	KS1	1
Carbon tetrachloride	< 0.390	2.00		ug/L		0.390	03/23/20 00:45	BOC0876	KS1	1
Chlorobenzene	< 0.358	2.00		ug/L		0.358	03/23/20 00:45	BOC0876	KS1	1
Chloroethane	< 0.906	4.00		ug/L		0.906	03/23/20 00:45	BOC0876	KS1	1
Chloroform	< 0.397	2.00		ug/L		0.397	03/23/20 00:45	BOC0876	KS1	1
Chloromethane	< 2.23	8.00		ug/L		2.23	03/23/20 00:45	BOC0876	KS1	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L		0.421	03/23/20 00:45	BOC0876	KS1	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L		0.278	03/23/20 00:45	BOC0876	KS1	1
Dibromochloromethane	< 0.492	2.00		ug/L		0.492	03/23/20 00:45	BOC0876	KS1	1
Ethylbenzene	< 0.431	2.00		ug/L		0.431	03/23/20 00:45	BOC0876	KS1	1
m,p-Xylene	< 0.310	4.00		ug/L		0.310	03/23/20 00:45	BOC0876	KS1	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L		0.322	03/23/20 00:45	BOC0876	KS1	1
Methylene chloride	< 0.358	2.00		ug/L		0.358	03/23/20 00:45	BOC0876	KS1	1
o-Xylene	< 0.349	2.00		ug/L		0.349	03/23/20 00:45	BOC0876	KS1	1
Styrene	< 0.534	4.00		ug/L		0.534	03/23/20 00:45	BOC0876	KS1	1
Tetrachloroethene	27.4	2.00		ug/L		0.400	03/23/20 00:45	BOC0876	KS1	1
Toluene	< 0.299	2.00		ug/L		0.299	03/23/20 00:45	BOC0876	KS1	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L		0.433	03/23/20 00:45	BOC0876	KS1	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L		0.314	03/23/20 00:45	BOC0876	KS1	1
Trichloroethene	0.820	2.00	J	ug/L		0.439	03/23/20 00:45	BOC0876	KS1	1
Vinyl acetate	< 1.01	8.00		ug/L		1.01	03/23/20 00:45	BOC0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-2 Dup
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:30
Matrix: Groundwater
Lab ID: 20C0802-03 (Continued)

Analyses	EMT			Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
	Result	Reporting Limit	Qual Units						
Volatile Organic Compounds by GC/MS (Continued)									
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)									
Vinyl chloride	< 0.316	2.00	ug/L		0.316	03/23/20 00:45	B0C0876	KS1	1
Xylenes, Total	< 0.660	6.00	ug/L		0.660	03/23/20 00:45	B0C0876	KS1	1
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L		0.592	03/23/20 00:45	B0C0876	KS1	1
Surrogate: Dibromofluoromethane				Recovery: 103%	Limits: 80-135	03/23/20 00:45	B0C0876	KS1	1
Surrogate: 1,2-Dichloroethane-d4				Recovery: 108%	Limits: 86-132	03/23/20 00:45	B0C0876	KS1	1
Surrogate: Fluorobenzene				Recovery: 99%	Limits: 80-116	03/23/20 00:45	B0C0876	KS1	1
Surrogate: Toluene-d8				Recovery: 99%	Limits: 73-120	03/23/20 00:45	B0C0876	KS1	1
Surrogate: 4-Bromofluorobenzene				Recovery: 109%	Limits: 85-114	03/23/20 00:45	B0C0876	KS1	1
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 107%	Limits: 88-136	03/23/20 00:45	B0C0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-3
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:45
Matrix: Groundwater
Lab ID: 20C0802-04

Analyses	Result	EMT		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual							
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	03/23/20 01:13	BOC0876	KS1	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L		0.291	03/23/20 01:13	BOC0876	KS1	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L		0.264	03/23/20 01:13	BOC0876	KS1	1
1,1-Dichloroethane	< 1.94	8.00		ug/L		1.94	03/23/20 01:13	BOC0876	KS1	1
1,1-Dichloroethene	< 1.02	4.00		ug/L		1.02	03/23/20 01:13	BOC0876	KS1	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L		0.338	03/23/20 01:13	BOC0876	KS1	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L		0.488	03/23/20 01:13	BOC0876	KS1	1
1,2-Dibromoethane	< 0.320	2.00		ug/L		0.320	03/23/20 01:13	BOC0876	KS1	1
1,2-Dichloroethane	< 0.274	2.00		ug/L		0.274	03/23/20 01:13	BOC0876	KS1	1
1,2-Dichloropropane	< 1.11	4.00		ug/L		1.11	03/23/20 01:13	BOC0876	KS1	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L		0.310	03/23/20 01:13	BOC0876	KS1	1
1-Butanol	< 6.69	90.0		ug/L		6.69	03/23/20 01:13	BOC0876	KS1	1
2-Butanone	< 1.38	8.00		ug/L		1.38	03/23/20 01:13	BOC0876	KS1	1
2-Hexanone	1.93	8.00	J, B	ug/L		1.04	03/23/20 01:13	BOC0876	KS1	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L		0.660	03/23/20 01:13	BOC0876	KS1	1
Acetone	< 3.75	28.0		ug/L		3.75	03/23/20 01:13	BOC0876	KS1	1
Acrolein	< 6.63	20.0		ug/L		6.63	03/23/20 01:13	BOC0876	KS1	1
Acrylonitrile	< 0.742	4.00		ug/L		0.742	03/23/20 01:13	BOC0876	KS1	1
Benzene	< 0.370	2.00		ug/L		0.370	03/23/20 01:13	BOC0876	KS1	1
Bromodichloromethane	< 0.310	2.00		ug/L		0.310	03/23/20 01:13	BOC0876	KS1	1
Bromoform	< 0.254	2.00		ug/L		0.254	03/23/20 01:13	BOC0876	KS1	1
Bromomethane	< 3.30	20.0		ug/L		3.30	03/23/20 01:13	BOC0876	KS1	1
Carbon disulfide	0.980	2.00	J, B	ug/L		0.259	03/23/20 01:13	BOC0876	KS1	1
Carbon tetrachloride	< 0.390	2.00		ug/L		0.390	03/23/20 01:13	BOC0876	KS1	1
Chlorobenzene	< 0.358	2.00		ug/L		0.358	03/23/20 01:13	BOC0876	KS1	1
Chloroethane	< 0.906	4.00		ug/L		0.906	03/23/20 01:13	BOC0876	KS1	1
Chloroform	< 0.397	2.00		ug/L		0.397	03/23/20 01:13	BOC0876	KS1	1
Chloromethane	< 2.23	8.00		ug/L		2.23	03/23/20 01:13	BOC0876	KS1	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L		0.421	03/23/20 01:13	BOC0876	KS1	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L		0.278	03/23/20 01:13	BOC0876	KS1	1
Dibromochloromethane	< 0.492	2.00		ug/L		0.492	03/23/20 01:13	BOC0876	KS1	1
Ethylbenzene	< 0.431	2.00		ug/L		0.431	03/23/20 01:13	BOC0876	KS1	1
m,p-Xylene	< 0.310	4.00		ug/L		0.310	03/23/20 01:13	BOC0876	KS1	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L		0.322	03/23/20 01:13	BOC0876	KS1	1
Methylene chloride	< 0.358	2.00		ug/L		0.358	03/23/20 01:13	BOC0876	KS1	1
o-Xylene	< 0.349	2.00		ug/L		0.349	03/23/20 01:13	BOC0876	KS1	1
Styrene	< 0.534	4.00		ug/L		0.534	03/23/20 01:13	BOC0876	KS1	1
Tetrachloroethene	< 0.400	2.00		ug/L		0.400	03/23/20 01:13	BOC0876	KS1	1
Toluene	< 0.299	2.00		ug/L		0.299	03/23/20 01:13	BOC0876	KS1	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L		0.433	03/23/20 01:13	BOC0876	KS1	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L		0.314	03/23/20 01:13	BOC0876	KS1	1
Trichloroethene	< 0.439	2.00		ug/L		0.439	03/23/20 01:13	BOC0876	KS1	1
Vinyl acetate	< 1.01	8.00		ug/L		1.01	03/23/20 01:13	BOC0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: MW-3
Report Date: 03/25/2020
Collection Date: 03/19/2020 09:45
Matrix: Groundwater
Lab ID: 20C0802-04 (Continued)

Analyses	EMT			Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF	
	Result	Reporting Limit	Qual Units							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)										
Vinyl chloride	< 0.316	2.00	ug/L		0.316	03/23/20 01:13	B0C0876	KS1	1	
Xylenes, Total	< 0.660	6.00	ug/L		0.660	03/23/20 01:13	B0C0876	KS1	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L		0.592	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: Dibromofluoromethane				Recovery: 109%	Limits: 80-135	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 110%	Limits: 86-132	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: Fluorobenzene				Recovery: 100%	Limits: 80-116	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: Toluene-d8				Recovery: 98%	Limits: 73-120	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 112%	Limits: 85-114	03/23/20 01:13	B0C0876	KS1	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 109%	Limits: 88-136	03/23/20 01:13	B0C0876	KS1	1	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: Trip Blank
Report Date: 03/25/2020
Collection Date: 03/19/2020 00:00
Matrix: Groundwater
Lab ID: 20C0802-05

Analyses	Result	EMT		Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting Limit	Qual							
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	03/22/20 23:24	BOC0876	KS1	1
1,1,2,2-Tetrachloroethane	< 0.291	2.00		ug/L		0.291	03/22/20 23:24	BOC0876	KS1	1
1,1,2-Trichloroethane	< 0.264	2.00		ug/L		0.264	03/22/20 23:24	BOC0876	KS1	1
1,1-Dichloroethane	< 1.94	8.00		ug/L		1.94	03/22/20 23:24	BOC0876	KS1	1
1,1-Dichloroethene	< 1.02	4.00		ug/L		1.02	03/22/20 23:24	BOC0876	KS1	1
1,2,4-Trimethylbenzene	< 0.338	2.00		ug/L		0.338	03/22/20 23:24	BOC0876	KS1	1
1,2-Dibromo-3-chloropropane	< 0.488	2.00		ug/L		0.488	03/22/20 23:24	BOC0876	KS1	1
1,2-Dibromoethane	< 0.320	2.00		ug/L		0.320	03/22/20 23:24	BOC0876	KS1	1
1,2-Dichloroethane	0.280	2.00	J	ug/L		0.274	03/22/20 23:24	BOC0876	KS1	1
1,2-Dichloropropane	< 1.11	4.00		ug/L		1.11	03/22/20 23:24	BOC0876	KS1	1
1,3,5-Trimethylbenzene	< 0.310	2.00		ug/L		0.310	03/22/20 23:24	BOC0876	KS1	1
1-Butanol	< 6.69	90.0		ug/L		6.69	03/22/20 23:24	BOC0876	KS1	1
2-Butanone	< 1.38	8.00		ug/L		1.38	03/22/20 23:24	BOC0876	KS1	1
2-Hexanone	2.07	8.00	J, B	ug/L		1.04	03/22/20 23:24	BOC0876	KS1	1
4-Methyl-2-pentanone	< 0.660	28.0		ug/L		0.660	03/22/20 23:24	BOC0876	KS1	1
Acetone	< 3.75	28.0		ug/L		3.75	03/22/20 23:24	BOC0876	KS1	1
Acrolein	< 6.63	20.0		ug/L		6.63	03/22/20 23:24	BOC0876	KS1	1
Acrylonitrile	< 0.742	4.00		ug/L		0.742	03/22/20 23:24	BOC0876	KS1	1
Benzene	< 0.370	2.00		ug/L		0.370	03/22/20 23:24	BOC0876	KS1	1
Bromodichloromethane	< 0.310	2.00		ug/L		0.310	03/22/20 23:24	BOC0876	KS1	1
Bromoform	< 0.254	2.00		ug/L		0.254	03/22/20 23:24	BOC0876	KS1	1
Bromomethane	< 3.30	20.0		ug/L		3.30	03/22/20 23:24	BOC0876	KS1	1
Carbon disulfide	0.570	2.00	J, B	ug/L		0.259	03/22/20 23:24	BOC0876	KS1	1
Carbon tetrachloride	< 0.390	2.00		ug/L		0.390	03/22/20 23:24	BOC0876	KS1	1
Chlorobenzene	< 0.358	2.00		ug/L		0.358	03/22/20 23:24	BOC0876	KS1	1
Chloroethane	< 0.906	4.00		ug/L		0.906	03/22/20 23:24	BOC0876	KS1	1
Chloroform	< 0.397	2.00		ug/L		0.397	03/22/20 23:24	BOC0876	KS1	1
Chloromethane	< 2.23	8.00		ug/L		2.23	03/22/20 23:24	BOC0876	KS1	1
cis-1,2-Dichloroethene	< 0.421	2.00		ug/L		0.421	03/22/20 23:24	BOC0876	KS1	1
cis-1,3-Dichloropropene	< 0.278	2.00		ug/L		0.278	03/22/20 23:24	BOC0876	KS1	1
Dibromochloromethane	< 0.492	2.00		ug/L		0.492	03/22/20 23:24	BOC0876	KS1	1
Ethylbenzene	< 0.431	2.00		ug/L		0.431	03/22/20 23:24	BOC0876	KS1	1
m,p-Xylene	< 0.310	4.00		ug/L		0.310	03/22/20 23:24	BOC0876	KS1	1
Methyl tert-butyl ether	< 0.322	2.00		ug/L		0.322	03/22/20 23:24	BOC0876	KS1	1
Methylene chloride	< 0.358	2.00		ug/L		0.358	03/22/20 23:24	BOC0876	KS1	1
o-Xylene	< 0.349	2.00		ug/L		0.349	03/22/20 23:24	BOC0876	KS1	1
Styrene	< 0.534	4.00		ug/L		0.534	03/22/20 23:24	BOC0876	KS1	1
Tetrachloroethene	< 0.400	2.00		ug/L		0.400	03/22/20 23:24	BOC0876	KS1	1
Toluene	< 0.299	2.00		ug/L		0.299	03/22/20 23:24	BOC0876	KS1	1
trans-1,2-Dichloroethene	< 0.433	2.00		ug/L		0.433	03/22/20 23:24	BOC0876	KS1	1
trans-1,3-Dichloropropene	< 0.314	2.00		ug/L		0.314	03/22/20 23:24	BOC0876	KS1	1
Trichloroethene	< 0.439	2.00		ug/L		0.439	03/22/20 23:24	BOC0876	KS1	1
Vinyl acetate	< 1.01	8.00		ug/L		1.01	03/22/20 23:24	BOC0876	KS1	1

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
 19006
Work Order: 20C0802

Client Sample ID: Trip Blank
Report Date: 03/25/2020
Collection Date: 03/19/2020 00:00
Matrix: Groundwater
Lab ID: 20C0802-05 (Continued)

Analyses	EMT Reporting			Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF	
	Result	Limit	Qual Units							
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW-846 8260B/WDNR: PUBL-FW-140 / SW5030 (Continued)										
Vinyl chloride	< 0.316	2.00	ug/L		0.316	03/22/20 23:24	B0C0876	KS1	1	
Xylenes, Total	< 0.660	6.00	ug/L		0.660	03/22/20 23:24	B0C0876	KS1	1	
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L		0.592	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: Dibromofluoromethane				Recovery: 103%	Limits: 80-135	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: 1,2-Dichloroethane-d4				Recovery: 108%	Limits: 86-132	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: Fluorobenzene				Recovery: 98%	Limits: 80-116	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: Toluene-d8				Recovery: 98%	Limits: 73-120	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: 4-Bromofluorobenzene				Recovery: 107%	Limits: 85-114	03/22/20 23:24	B0C0876	KS1	1	
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 105%	Limits: 88-136	03/22/20 23:24	B0C0876	KS1	1	

Dates Report

Client: United Engineering Consultants, Inc.

Report Date: 03/25/2020

Project: Waste Characterization
19006

Work Order: 20C0802

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
20C0802-01	MW-1	03/19/20	Groundwater	Volatile Organic Compounds (WDNR) by GC/MS		03/22/20 10:32	03/22/20 23:51	B0C0876	S0C0385
20C0802-02	MW-2	03/19/20		Volatile Organic Compounds (WDNR) by GC/MS		03/22/20 10:32	03/23/20 00:18		
20C0802-03	MW-2 Dup	03/19/20		Volatile Organic Compounds (WDNR) by GC/MS		03/22/20 10:32	03/23/20 00:45		
20C0802-04	MW-3	03/19/20		Volatile Organic Compounds (WDNR) by GC/MS		03/22/20 10:32	03/23/20 01:13		
20C0802-05	Trip Blank	03/19/20		Volatile Organic Compounds (WDNR) by GC/MS		03/22/20 10:32	03/22/20 23:24		

Quality Control

Client: United Engineering Consultants, Inc.

Report Date: 03/25/2020

Project: Waste Characterization
19006

Matrix: Water

Work Order: 20C0802

Volatile 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: B0C0876 - SW5030
Blank (B0C0876-BLK1)

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 21:35

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	0.580	2.00	ug/L							J	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	0.430	2.00	ug/L							J	1
1-Butanol	< 6.69	90.0	ug/L								1
2-Butanone	< 1.38	8.00	ug/L								1
2-Hexanone	3.27	8.00	ug/L							J	1
4-Methyl-2-pentanone	1.68	28.0	ug/L							J	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	0.800	2.00	ug/L							J	1
Carbon tetrachloride	< 0.390	2.00	ug/L								1
Chlorobenzene	< 0.358	2.00	ug/L								1
Chloroethane	< 0.906	4.00	ug/L								1
Chloroform	< 0.397	2.00	ug/L								1
Chloromethane	< 2.23	8.00	ug/L								1
cis-1,2-Dichloroethene	< 0.421	2.00	ug/L								1
cis-1,3-Dichloropropene	< 0.278	2.00	ug/L								1
Dibromochloromethane	< 0.492	2.00	ug/L								1
Ethylbenzene	< 0.431	2.00	ug/L								1
m,p-Xylene	< 0.310	4.00	ug/L								1
Methyl tert-butyl ether	< 0.322	2.00	ug/L								1
Methylene chloride	< 0.358	2.00	ug/L								1
o-Xylene	< 0.349	2.00	ug/L								1
Styrene	< 0.534	4.00	ug/L								1
Tetrachloroethene	< 0.400	2.00	ug/L								1
Toluene	< 0.299	2.00	ug/L								1
trans-1,2-Dichloroethene	< 0.433	2.00	ug/L								1
trans-1,3-Dichloropropene	< 0.314	2.00	ug/L								1
Trichloroethene	< 0.439	2.00	ug/L								1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 03/25/2020**Project:** Waste Characterization
19006**Matrix:** Water**Work Order:** 20C0802**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: B0C0876 - SW5030 (Continued)**Blank (B0C0876-BLK1) (Continued)**

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 21:35

Vinyl acetate	< 1.01	8.00	ug/L								1
Vinyl chloride	0.370	2.00	ug/L							J	1
Xylenes, Total	< 0.660	6.00	ug/L								1
1,3-Dichloropropene, Total	< 0.592	4.00	ug/L								1
<i>Surrogate: Dibromofluoromethane</i>	20.3		ug/L	20.00		101	80-135				1
<i>Surrogate: 1,2-Dichloroethane-d4</i>	20.8		ug/L	20.00		104	86-132				1
<i>Surrogate: Fluorobenzene</i>	20.0		ug/L	20.00		100	80-116				1
<i>Surrogate: Toluene-d8</i>	20.2		ug/L	20.00		101	73-120				1
<i>Surrogate: 4-Bromofluorobenzene</i>	10.6		ug/L	10.00		106	85-114				1
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	21.6		ug/L	20.00		108	88-136				1

LCS (B0C0876-BS1)

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 20:14

1,1,1-Trichloroethane	50.3	2.00	ug/L	50.00		101	74-131				1
1,1,2,2-Tetrachloroethane	51.6	2.00	ug/L	50.00		103	71-121				1
1,1,2-Trichloroethane	49.4	2.00	ug/L	50.00		99	80-119				1
1,1-Dichloroethane	52.0	8.00	ug/L	50.00		104	77-125				1
1,1-Dichloroethene	57.2	4.00	ug/L	50.00		114	71-131				1
1,2,4-Trimethylbenzene	50.5	2.00	ug/L	50.00		101	76-124			B	1
1,2-Dibromo-3-chloropropane	52.3	2.00	ug/L	50.00		105	62-128				1
1,2-Dibromoethane	48.8	2.00	ug/L	50.00		98	77-121				1
1,2-Dichloroethane	49.5	2.00	ug/L	50.00		99	73-128				1
1,2-Dichloropropane	52.3	4.00	ug/L	50.00		105	78-122				1
1,3,5-Trimethylbenzene	51.6	2.00	ug/L	50.00		103	75-124			B	1
1-Butanol	512	90.0	ug/L	500.0		102	70-130				1
2-Butanone	178	8.00	ug/L	175.0		102	56-143				1
2-Hexanone	182	8.00	ug/L	175.0		104	57-139			B	1
4-Methyl-2-pentanone	187	28.0	ug/L	175.0		107	67-130			B	1
Acetone	179	28.0	ug/L	175.0		102	39-160				1
Acrolein	118	20.0	ug/L	125.0		95	39-155				1
Acrylonitrile	45.6	4.00	ug/L	50.00		91	63-135				1
Benzene	50.7	2.00	ug/L	50.00		101	79-120				1
Bromodichloromethane	45.8	2.00	ug/L	50.00		92	79-125				1
Bromoform	48.2	2.00	ug/L	50.00		96	66-130				1
Bromomethane	55.6	20.0	ug/L	50.00		111	53-141				1
Carbon disulfide	47.6	2.00	ug/L	50.00		95	64-133			B	1
Carbon tetrachloride	50.3	2.00	ug/L	50.00		101	72-136				1
Chlorobenzene	48.6	2.00	ug/L	50.00		97	82-118				1
Chloroethane	50.9	4.00	ug/L	50.00		102	60-138				1
Chloroform	51.1	2.00	ug/L	50.00		102	79-124				1
Chloromethane	56.3	8.00	ug/L	50.00		113	50-139				1
cis-1,2-Dichloroethene	50.0	2.00	ug/L	50.00		100	78-123				1
cis-1,3-Dichloropropene	52.1	2.00	ug/L	50.00		104	75-124				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 03/25/2020**Project:** Waste Characterization
19006**Matrix:** Water**Work Order:** 20C0802**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: B0C0876 - SW5030 (Continued)**LCS (B0C0876-BS1) (Continued)**

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 20:14

Dibromochloromethane	45.6	2.00	ug/L	50.00		91	74-126				1
Ethylbenzene	49.6	2.00	ug/L	50.00		99	79-121				1
m,p-Xylene	95.9	4.00	ug/L	100.0		96	80-136				1
Methyl tert-butyl ether	48.6	2.00	ug/L	50.00		97	71-124				1
Methylene chloride	52.2	2.00	ug/L	50.00		104	74-124				1
o-Xylene	53.6	2.00	ug/L	50.00		107	78-122				1
Styrene	49.6	4.00	ug/L	50.00		99	78-123				1
Tetrachloroethene	51.9	2.00	ug/L	50.00		104	74-129				1
Toluene	50.5	2.00	ug/L	50.00		101	80-133				1
trans-1,2-Dichloroethene	50.9	2.00	ug/L	50.00		102	75-124				1
trans-1,3-Dichloropropene	49.4	2.00	ug/L	50.00		99	73-127				1
Trichloroethene	50.3	2.00	ug/L	50.00		101	79-123				1
Vinyl acetate	59.7	8.00	ug/L	50.00		119	54-146				1
Vinyl chloride	55.7	2.00	ug/L	50.00		111	58-137			B	1
Xylenes, Total	150	6.00	ug/L	150.0		100	79-121				1
1,3-Dichloropropene, Total	101	4.00	ug/L	100.0		101	77-123				1
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Surrogate: Dibromofluoromethane	20.3		ug/L	20.00		101	80-135				1
Surrogate: 1,2-Dichloroethane-d4	19.9		ug/L	20.00		99	86-132				1
Surrogate: Fluorobenzene	20.2		ug/L	20.00		101	80-116				1
Surrogate: Toluene-d8	19.8		ug/L	20.00		99	73-120				1
Surrogate: 4-Bromofluorobenzene	9.80		ug/L	10.00		98	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	19.8		ug/L	20.00		99	88-136				1

LCS Dup (B0C0876-BSD1)

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 20:41

1,1,1-Trichloroethane	52.3	2.00	ug/L	50.00		105	74-131	4	20		1
1,1,2,2-Tetrachloroethane	53.9	2.00	ug/L	50.00		108	71-121	4	20		1
1,1,2-Trichloroethane	50.3	2.00	ug/L	50.00		101	80-119	2	20		1
1,1-Dichloroethane	54.2	8.00	ug/L	50.00		108	77-125	4	20		1
1,1-Dichloroethene	60.0	4.00	ug/L	50.00		120	71-131	5	20		1
1,2,4-Trimethylbenzene	51.6	2.00	ug/L	50.00		103	76-124	2	20	B	1
1,2-Dibromo-3-chloropropane	53.8	2.00	ug/L	50.00		108	62-128	3	20		1
1,2-Dibromoethane	50.4	2.00	ug/L	50.00		101	77-121	3	20		1
1,2-Dichloroethane	50.7	2.00	ug/L	50.00		101	73-128	2	20		1
1,2-Dichloropropane	53.6	4.00	ug/L	50.00		107	78-122	2	20		1
1,3,5-Trimethylbenzene	52.5	2.00	ug/L	50.00		105	75-124	2	20	B	1
1-Butanol	601	90.0	ug/L	500.0		120	70-130	16	20		1
2-Butanone	189	8.00	ug/L	175.0		108	56-143	6	20		1
2-Hexanone	192	8.00	ug/L	175.0		110	57-139	5	20	B	1
4-Methyl-2-pentanone	195	28.0	ug/L	175.0		111	67-130	4	20	B	1
Acetone	200	28.0	ug/L	175.0		114	39-160	11	20		1
Acrolein	127	20.0	ug/L	125.0		102	39-155	7	20		1
Acrylonitrile	49.1	4.00	ug/L	50.00		98	63-135	7	20		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 03/25/2020**Project:** Waste Characterization
19006**Matrix:** Water**Work Order:** 20C0802**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: B0C0876 - SW5030 (Continued)**LCS Dup (B0C0876-BSD1) (Continued)**

Prepared: 03/22/2020 10:32 Analyzed: 03/22/2020 20:41

Benzene	52.0	2.00	ug/L	50.00		104	79-120	2	20		1
Bromodichloromethane	47.6	2.00	ug/L	50.00		95	79-125	4	20		1
Bromoform	50.6	2.00	ug/L	50.00		101	66-130	5	20		1
Bromomethane	58.2	20.0	ug/L	50.00		116	53-141	4	20		1
Carbon disulfide	49.6	2.00	ug/L	50.00		99	64-133	4	20	B	1
Carbon tetrachloride	51.1	2.00	ug/L	50.00		102	72-136	2	20		1
Chlorobenzene	49.9	2.00	ug/L	50.00		100	82-118	3	20		1
Chloroethane	54.1	4.00	ug/L	50.00		108	60-138	6	20		1
Chloroform	53.0	2.00	ug/L	50.00		106	79-124	4	20		1
Chloromethane	58.5	8.00	ug/L	50.00		117	50-139	4	20		1
cis-1,2-Dichloroethene	52.3	2.00	ug/L	50.00		105	78-123	4	20		1
cis-1,3-Dichloropropene	54.4	2.00	ug/L	50.00		109	75-124	4	20		1
Dibromochloromethane	46.8	2.00	ug/L	50.00		94	74-126	3	20		1
Ethylbenzene	50.8	2.00	ug/L	50.00		102	79-121	2	20		1
m,p-Xylene	100	4.00	ug/L	100.0		100	80-136	5	20		1
Methyl tert-butyl ether	50.8	2.00	ug/L	50.00		102	71-124	4	20		1
Methylene chloride	54.4	2.00	ug/L	50.00		109	74-124	4	20		1
o-Xylene	54.5	2.00	ug/L	50.00		109	78-122	2	20		1
Styrene	51.5	4.00	ug/L	50.00		103	78-123	4	20		1
Tetrachloroethene	52.5	2.00	ug/L	50.00		105	74-129	1	20		1
Toluene	52.4	2.00	ug/L	50.00		105	80-133	4	20		1
trans-1,2-Dichloroethene	52.9	2.00	ug/L	50.00		106	75-124	4	20		1
trans-1,3-Dichloropropene	51.3	2.00	ug/L	50.00		103	73-127	4	20		1
Trichloroethene	52.7	2.00	ug/L	50.00		105	79-123	5	20		1
Vinyl acetate	62.4	8.00	ug/L	50.00		125	54-146	5	20		1
Vinyl chloride	57.7	2.00	ug/L	50.00		115	58-137	4	20	B	1
Xylenes, Total	155	6.00	ug/L	150.0		103	79-121	3	20		1
1,3-Dichloropropene, Total	106	4.00	ug/L	100.0		106	77-123	4	20		1
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Surrogate: Dibromofluoromethane	20.6		ug/L	20.00		103	80-135				1
Surrogate: 1,2-Dichloroethane-d4	20.2		ug/L	20.00		101	86-132				1
Surrogate: Fluorobenzene	20.2		ug/L	20.00		101	80-116				1
Surrogate: Toluene-d8	20.0		ug/L	20.00		100	73-120				1
Surrogate: 4-Bromofluorobenzene	10.1		ug/L	10.00		101	85-114				1
Surrogate: 1,2-Dichlorobenzene-d4	19.5		ug/L	20.00		97	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
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
trans-1,3-Dichloropropene	10061-02-6	WDNR

Certified Analyses included in this Report (Continued)

Analyte	CAS #	Certifications
SW-846 8260B/WDNR: PUBL-FW-140 in Water (Continued)		
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	04/30/2020
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L18-184-R1	04/30/2020
DoD	Department of Defense, Accredited by PJLA	L18-183-R3	04/30/2020
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562020-1	07/27/2020
ISO	ISO/IEC 17025, Accredited by PJLA	L18-184-R1	04/30/2020
TX	Texas Commission of Environmental Quality	T104704554-19-4	10/31/2020
WA	Washington State Department of Ecology	C1057	01/05/2021
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2020

Qualifiers and Definitions

Item	Description
B	Analyte was present in the method blank.
J	The reported result is an estimated value.
%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.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203



20C0802

PM: Jacoby Jackson
United Engineering Consultants, Inc.
Waste Characterization

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

Record

TURNAROUND TIME:
 RUSH
 ___ day turnaround
 ROUTINE

Due Date: ___ - ___ - ___ COC #: **226521**

Company: <u>UNITED ENGINEERING CONSULTANTS</u>	Sample Type: 1. Waste Water 4. Sludge 7. Groundwater (filtered) 2. Drinking Wafer 5. Oil 8. Other 3. Soil 6. Groundwater
Address: <u>2938 S. 166TH STREET</u> <u>NEW BERLIN, WI 53151</u>	Container Type: P - Plastic V - VOC Vial O - Other G - Glass B - Tedlar Bag
Phone #: <u>(262) 785-1447</u> Fax #: () -	Preservative: 1. None 4. NaOH 7. Zn Ace 2. H2SO4 5. HCl 8. Other 3. HNO3 6. MeOH
P.O. #: _____ Proj. #: _____	
Client Contact: <u>T. ANDERSON</u>	
Project ID / Location: <u>19006</u>	

Analyses

EMT
USE
ONLY

EMT
WORKORDER

#20C0802

Sample I.D.	Sample Type	Container			Sampling					Preservation		Field	Lab	Notes
		Size	Type	No.	By	Date	Time	pH	Temp.	Field	Lab			
MW-1	G	40mL	G	3	KH	3/19/20	9:00	-	-	5				01A-D
MW-2	↓	↓	↓	↓	↓	↓	9:15	-	-	↓				02A-D
MW-2 Dup.	↓	↓	↓	↓	↓	↓	9:30	-	-	↓				03A-D
MW-3	↓	↓	↓	↓	↓	↓	9:45	-	-	↓				04A-D
TRIP BLANK	↓	↓	↓	1	↓	↓	-	-	-	↓				05A

Relinquished By: <u>[Signature]</u>	Date: <u>3-20-20</u>	Received By: <u>[Signature]</u>	Date: <u>3-20-20</u>	EMT USE ONLY	<input checked="" type="checkbox"/> SAMPLE RECEIVED ON ICE <input type="checkbox"/> TEMPERATURE <u>2.1</u> EMT SAMPLE RETURN POLICY ON BACK
Relinquished By: <u>[Signature]</u>	Date: <u>3-20-20</u>	Received By: _____	Date: - -	Client Code:	
Relinquished By: _____	Date: - -	Received For Lab By: <u>[Signature]</u>	Date: <u>3-20-20</u>	EMT Project I.D.	

SPECIAL INSTRUCTIONS:

Sample Receipt Checklist

Work Order: 20C0802

Printed: 3/20/2020 4:29:46PM

Client: **United Engineering Consultants, Inc.** Date Due: **Friday, March 27, 2020**
 Project: **Waste Characterization**

Received By: **Keith Wesseling**
 Logged In By: **Keith Wesseling**

Date Received: **03/20/20 14:00**
 Date Logged In: **03/20/20 16:18**

Sample Temperature at Receipt:	2.1°C
How were samples received?	EMT
Custody Seals Present	No
Custody Seals Intact	NA
Sample Containers Intact	Yes
COC Present and Complete	Yes
COC agrees with Sample Labels	Yes
Containers Properly Preserved	Yes
Samples Received Within Holdtime	Yes
Cooler Temp Within Limits	Yes
VOA Water Vials Received	Yes
Vials Contain > Pea Sized Air Bubble	Yes

<u>Client Sample Name</u>	<u># Vials > Pea Size Bubble</u>
03C MW-2 Dup	1
04C MW-3	1

Comments

92 av
3/20/20