

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 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 checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Contaminants in Vapor

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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Attached are:

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

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

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

Contact Information

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

Environmental Consultant

Company Name		Contact Person Last Name	First Name	
UNITED ENGINEERING CONSULTANTS		ANDERSON	NICHOLAS	
Address		City	State	ZIP Code
2938 S. 166TH STREET		NEW BERLIN	WI	53151
Phone # (inc. area code)	Email			
(262) 785-1447	NAUEC@SBCGLOBAL.NET			

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

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)		
HULSEY	HERA	(414) 263-8563		
Address		City	State	ZIP Code
1027 W. ST. PAUL AVENUE		MILWAUKEE	WI	53233
Email				
HERA.HULSEY@WISCONSIN.GOV				

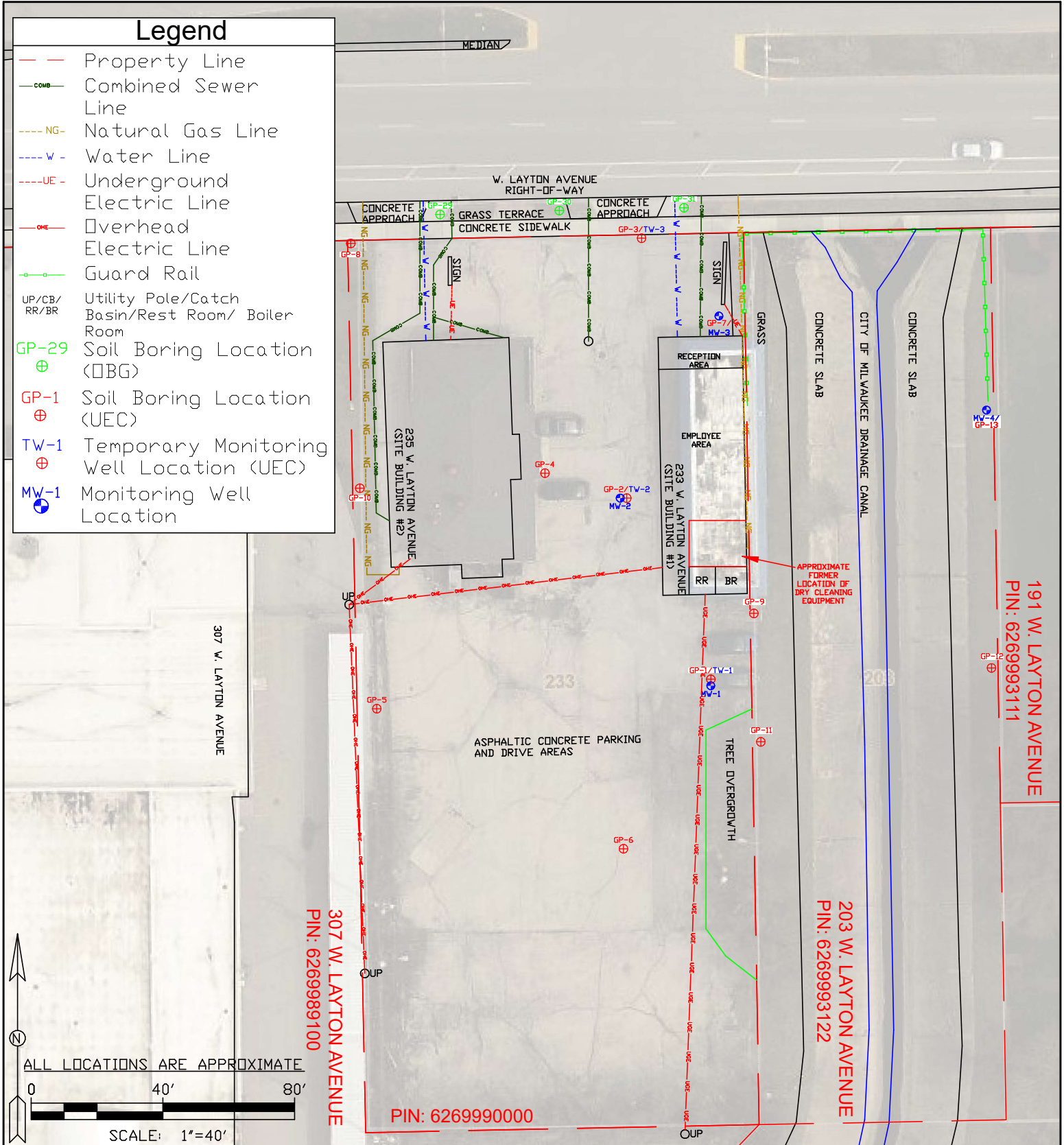


Figure 3: Soil Boring and Groundwater Monitoring Well Location Map

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: 01/11/2023

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

Table 2
Soil Analytical Results - VOC
One Hour Martinizing - Milwaukee
233/235 W. Layton Avenue
Milwaukee, Wisconsin 53207

Sample Date	December 27, 2022				RCL		
	GP-11	GP-11	GP-12	GP-13	GWP	NIDC	IDC
Sample Identification	3'-4'	13'-14'	14'-15'	13'-14'			
Sample Depth	3'-4'	13'-14'	14'-15'	13'-14'			
Soil Type	SW	SP	SP	SP			
Volatile Organic Compounds (VOC) (Method: SW-846 8260B / PUBL-FW-140)							
Acetone	<0.377J1,P	<0.315P	<0.289P	<0.248P	3.6766	63400	100000
Acrylonitrile	<0.0110	<0.00920	<0.00843	<0.00723	-	0.388	1.5
Benzene	<0.0225	<0.0188	<0.0173	<0.0148	0.0051	1.6	7.07
Bromodichloromethane	<0.00542	<0.00454	<0.00416	<0.00357	0.0003	0.39	1.96
Bromoform	<0.00531	<0.00444	<0.00407	<0.00350	0.0023	23.6	115
1-Butanol	<0.454	<0.380	<0.348	<0.299	-	14700	14700
2-Butanone	<0.0319	<0.0267	<0.0245	<0.0210	-	28400	28400
Carbon disulfide	<0.0798	<0.0669	<0.0613	<0.0526	0.5919	738	738
Carbon tetrachloride	<0.00420	<0.00352	<0.00322	<0.00277	0.0039	0.854	4.25
Chlorobenzene	<0.00190	<0.00159	<0.00146	<0.00125	-	392	761
Chloroform	<0.00599	<0.00501	<0.00460	<0.00394	0.0033	0.423	2.13
1,2-Dibromo-3-chloropropane	<0.00967	<0.00810	<0.00743	<0.00637	0.0002	0.008	0.092
1,2-Dibromoethane	<0.00449	<0.00376	<0.00345	<0.00296	0.0000282	0.05	0.221
Dibromochloromethane	<0.00538	<0.00451	<0.00413	<0.00354	0.032	8.28	38.9
1,1-Dichloroethane	<0.00261	<0.00218	<0.00200	<0.00172	0.4834	4.72	23.7
1,2-Dichloroethane	<0.00638	<0.00535	<0.00490	<0.00421	0.0028	0.608	2.87
1,1-Dichloroethene	<0.00386	<0.00323	<0.00296	<0.00254	0.005	342	1190
cis-1,2-Dichloroethene	<0.00443	<0.00371	<0.00340	<0.00292	0.0412	156	2040
trans-1,2-Dichloroethene	<0.00593	<0.00497	<0.00456	<0.00391	0.0626	1560	1850
1,2-Dichloroethene, Total	<0.00672	<0.00563	<0.00516	<0.00443	-	-	-
1,2-Dichloropropane	<0.00331	<0.00277	<0.00254	<0.00218	0.0033	3.4	15
Ethylbenzene	<0.0264	<0.0221	<0.0203	<0.0174	1.57	8.02	35.4
2-Hexanone	<0.0360	<0.0302	<0.0277	<0.0237	-	237	1760
4-Methyl-2-pentanone	<0.0346	<0.0290	<0.0266	<0.0228	-	3360	3360
Methyl tert-butyl ether	<0.00607	<0.00509	<0.00466	<0.00400	0.027	63.8	282
Methylene chloride	<0.680	<0.570	<0.522	<0.448	0.0026	60.7	1150
Styrene	<0.00595	<0.00498	<0.00457	<0.00392	0.22	867	867
1,1,2,2-Tetrachloroethane	<0.00535	<0.00448	<0.00411	<0.00352	0.0002	0.753	3.69
Tetrachloroethene	<0.0551J1	<0.0461	<0.0423	<0.0363	0.0045	33	145
Toluene	<0.0697	<0.0584	<0.0535	<0.0459	1.1072	818	818
Trichloroethene	<0.00264	<0.00221	<0.00203	<0.00174	1.1072	818	818
1,1,1-Trichloroethane	<0.00398	<0.00333	<0.00305	<0.00262	0.1402	640	640
1,1,2-Trichloroethane	<0.00752	<0.00630	<0.00578	<0.00496	0.0032	1.48	7.01
1,2,4-Trimethylbenzene	<0.206	<0.172	<0.158	<0.136	-	219	219
1,3,5-Trimethylbenzene	<0.212	<0.178	<0.163	<0.140	-	182	182
Vinyl acetate	<0.00874J1	<0.00733	<0.00671	<0.00576	-	1300	2750
Vinyl chloride	<0.00429	<0.00360	<0.00330	<0.00283	0.0001	0.067	2.03
m,p-Xylene	<0.0680	<0.0570	<0.0522	<0.0448	-	388	388
o-Xylene	<0.0697	<0.0584	<0.0535	<0.0459	-	434	434
Xylenes, Total	<0.0736	<0.0617	<0.0565	<0.0485	3.96	260	260

- Notes: All samples collected from the unsaturated zone
All results expressed as mg/kg
- RCL Residual Contaminant Level (December 2018 RCL Spreadsheet Update)
- GWP Groundwater Pathway RCL (Exceedances in underline)
- NIDC Non-Industrial Direct Contact RCL (Exceedances in **bold**)
- IDC Industrial Direct Contact Pathway RCL (Exceedances in **bold** and shaded)
- RCL not established for this compound
- < Compound not detected at or above the Limit Of Detection (LOD)
- E Reported concentrations are estimated values
- Q One or more quality control results were outside of the acceptable limits
- J1 The sample was utilized for Matrix Spike / Matrix Spike Duplicate. For this compound, the reco
- P The quality control sample Relative Percent Difference is above the laboratory control limit.

Analytical Report

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

January 13, 2023

Work Order: 23A0139

RE: UEC Analysis
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,



Tim Witrzek
Federal Program Manager
847.967.6666
twitrzek@emt.com

Approved for release: 1/13/2023 1:00:49PM

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>
GP-11 3'-4'	23A0139-01	Soil	12/27/22 11:55	01/04/23 13:19
GP-11 13'-14'	23A0139-02	Soil	12/27/22 12:05	01/04/23 13:19
GP-12 14'-15'	23A0139-03	Soil	12/27/22 11:15	01/04/23 13:19
GP-13 13'-14'	23A0139-04	Soil	12/27/22 10:15	01/04/23 13:19

Case Narrative

Client: United Engineering Consultants, Inc.

Date: 01/13/2023

Project: UEC Analysis
19006

Work Order: 23A0139

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: 23A0139

The samples were received on 01/04/23 13:19. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.6

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

GCMS Volatiles

WDNR VOC

23A0139-01, 02, 03, 04: In the LCS/LSCD set, the RPD for acetone fell outside criteria (20%) at 21%. This would indicate potential greater uncertainty in the calculated result for the compound. As the samples did not have a positive detection for the compound the exceedance did not impact sample results.

23A0139-01: The sample was utilized for MS/MSD purposes. Several compounds recovered outside recovery and/or RPD criteria. As all other pertinent quality indicators were acceptable, these exceedances would be attributed to sample matrix.

Client Sample Results

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-11 3'-4'
Report Date: 01/13/2023
Collection Date: 12/27/2022 11:55
Matrix: Soil
Lab ID: 23A0139-01

Analyses	Result	EMT		Units	MDL	Date/Time Analyzed	Batch	Analyst	DF	
		Reporting Limit	Qual							
Wet Chemistry										
Method: SM2540G										
Total Solids	87.8	0.100	H	% (Percent)	0.0240	01/05/23 08:46	B3A0079	LAD	1	
Volatile Organic Compounds by GC/MS										
Method: SW-846 8260B/WDNR: PUBL-FW-140										
1,1,1-Trichloroethane	< 0.00398	0.0250		mg/Kg dry	0.00398	01/10/23 09:56	B3A0179	KS1	50	
1,1,2,2-Tetrachloroethane	< 0.00535	0.0250		mg/Kg dry	0.00535	01/10/23 09:56	B3A0179	KS1	50	
1,1,2-Trichloroethane	< 0.00752	0.0250		mg/Kg dry	0.00752	01/10/23 09:56	B3A0179	KS1	50	
1,1-Dichloroethane	< 0.00261	0.0250		mg/Kg dry	0.00261	01/10/23 09:56	B3A0179	KS1	50	
1,1-Dichloroethene	< 0.00386	0.0250		mg/Kg dry	0.00386	01/10/23 09:56	B3A0179	KS1	50	
1,2,4-Trimethylbenzene	< 0.206	0.206		mg/Kg dry	0.206	01/10/23 09:56	B3A0179	KS1	50	
1,2-Dibromo-3-chloropropane	< 0.00967	0.0250		mg/Kg dry	0.00967	01/10/23 09:56	B3A0179	KS1	50	
1,2-Dibromoethane	< 0.00449	0.0250		mg/Kg dry	0.00449	01/10/23 09:56	B3A0179	KS1	50	
1,2-Dichloroethane	< 0.00638	0.0250		mg/Kg dry	0.00638	01/10/23 09:56	B3A0179	KS1	50	
1,2-Dichloropropane	< 0.00331	0.0250		mg/Kg dry	0.00331	01/10/23 09:56	B3A0179	KS1	50	
1,3,5-Trimethylbenzene	< 0.212	0.212		mg/Kg dry	0.212	01/10/23 09:56	B3A0179	KS1	50	
1-Butanol	< 0.454	0.454		mg/Kg dry	0.454	01/10/23 09:56	B3A0179	KS1	50	
2-Butanone	< 0.0319	0.0319		mg/Kg dry	0.0319	01/10/23 09:56	B3A0179	KS1	50	
2-Hexanone	< 0.0360	0.0360		mg/Kg dry	0.0360	01/10/23 09:56	B3A0179	KS1	50	
4-Methyl-2-pentanone	< 0.0346	0.0346		mg/Kg dry	0.0346	01/10/23 09:56	B3A0179	KS1	50	
Acetone	< 0.377	0.377	J1, P	mg/Kg dry	0.377	01/10/23 09:56	B3A0179	KS1	50	
Acrylonitrile	< 0.0110	0.0250		mg/Kg dry	0.0110	01/10/23 09:56	B3A0179	KS1	50	
Benzene	< 0.0225	0.0250		mg/Kg dry	0.0225	01/10/23 09:56	B3A0179	KS1	50	
Bromodichloromethane	< 0.00542	0.0250		mg/Kg dry	0.00542	01/10/23 09:56	B3A0179	KS1	50	
Bromoform	< 0.00531	0.0250		mg/Kg dry	0.00531	01/10/23 09:56	B3A0179	KS1	50	
Carbon disulfide	< 0.0798	0.0798		mg/Kg dry	0.0798	01/10/23 09:56	B3A0179	KS1	50	
Carbon tetrachloride	< 0.00420	0.0250		mg/Kg dry	0.00420	01/10/23 09:56	B3A0179	KS1	50	
Chlorobenzene	< 0.00190	0.0250		mg/Kg dry	0.00190	01/10/23 09:56	B3A0179	KS1	50	
Chloroform	< 0.00599	0.0250		mg/Kg dry	0.00599	01/10/23 09:56	B3A0179	KS1	50	
cis-1,2-Dichloroethene	< 0.00443	0.0250		mg/Kg dry	0.00443	01/10/23 09:56	B3A0179	KS1	50	
Dibromochloromethane	< 0.00538	0.0250		mg/Kg dry	0.00538	01/10/23 09:56	B3A0179	KS1	50	
Ethylbenzene	< 0.0264	0.0264		mg/Kg dry	0.0264	01/10/23 09:56	B3A0179	KS1	50	
m,p-Xylene	< 0.0680	0.0680		mg/Kg dry	0.0680	01/10/23 09:56	B3A0179	KS1	50	
Methyl tert-butyl ether	< 0.00607	0.0250		mg/Kg dry	0.00607	01/10/23 09:56	B3A0179	KS1	50	
Methylene chloride	< 0.680	0.680		mg/Kg dry	0.680	01/10/23 09:56	B3A0179	KS1	50	
Naphthalene	< 0.353	0.353		mg/Kg dry	0.353	01/10/23 09:56	B3A0179	KS1	50	
o-Xylene	< 0.0697	0.0697		mg/Kg dry	0.0697	01/10/23 09:56	B3A0179	KS1	50	
Styrene	< 0.00595	0.0250		mg/Kg dry	0.00595	01/10/23 09:56	B3A0179	KS1	50	
Tetrachloroethene	< 0.0551	0.0551	J1	mg/Kg dry	0.0551	01/10/23 09:56	B3A0179	KS1	50	
Toluene	< 0.0697	0.0697		mg/Kg dry	0.0697	01/10/23 09:56	B3A0179	KS1	50	
trans-1,2-Dichloroethene	< 0.00593	0.0250		mg/Kg dry	0.00593	01/10/23 09:56	B3A0179	KS1	50	
Trichloroethene	< 0.00264	0.0250		mg/Kg dry	0.00264	01/10/23 09:56	B3A0179	KS1	50	
Vinyl acetate	< 0.00874	0.0250	J1	mg/Kg dry	0.00874	01/10/23 09:56	B3A0179	KS1	50	
Vinyl chloride	< 0.00429	0.0250		mg/Kg dry	0.00429	01/10/23 09:56	B3A0179	KS1	50	
Xylenes, Total	< 0.0736	0.0736		mg/Kg dry	0.0736	01/10/23 09:56	B3A0179	KS1	50	
1,2-Dichloroethene, Total	< 0.00672	0.0250		mg/Kg dry	0.00672	01/10/23 09:56	B3A0179	KS1	50	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-11 3'-4'
Report Date: 01/13/2023
Collection Date: 12/27/2022 11:55
Matrix: Soil
Lab ID: 23A0139-01 (Continued)

Analyses	EMT Reporting			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 (Continued)								
Surrogate: Dibromofluoromethane			Recovery: 92%	Limits: 78-137	01/10/23 09:56	B3A0179	KS1	50
Surrogate: 1,2-Dichloroethane-d4			Recovery: 92%	Limits: 86-137	01/10/23 09:56	B3A0179	KS1	50
Surrogate: Fluorobenzene			Recovery: 103%	Limits: 80-120	01/10/23 09:56	B3A0179	KS1	50
Surrogate: Toluene-d8			Recovery: 100%	Limits: 73-112	01/10/23 09:56	B3A0179	KS1	50
Surrogate: 4-Bromofluorobenzene			Recovery: 104%	Limits: 85-120	01/10/23 09:56	B3A0179	KS1	50
Surrogate: 1,2-Dichlorobenzene-d4			Recovery: 99%	Limits: 85-128	01/10/23 09:56	B3A0179	KS1	50

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-11 13'-14'
Report Date: 01/13/2023
Collection Date: 12/27/2022 12:05
Matrix: Soil
Lab ID: 23A0139-02

Analyses	Result	EMT		Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting	Limit							
Wet Chemistry										
Method: SM2540G										
Total Solids	95.4	0.100	H	% (Percent)	0.0240	01/05/23 08:48	B3A0079	LAD	1	
Volatile Organic Compounds by GC/MS										
Method: SW-846 8260B/WDNR: PUBL-FW-140										
1,1,1-Trichloroethane	< 0.00333	0.0250		mg/Kg dry	0.00333	01/10/23 10:21	B3A0179	KS1	50	
1,1,2,2-Tetrachloroethane	< 0.00448	0.0250		mg/Kg dry	0.00448	01/10/23 10:21	B3A0179	KS1	50	
1,1,2-Trichloroethane	< 0.00630	0.0250		mg/Kg dry	0.00630	01/10/23 10:21	B3A0179	KS1	50	
1,1-Dichloroethane	< 0.00218	0.0250		mg/Kg dry	0.00218	01/10/23 10:21	B3A0179	KS1	50	
1,1-Dichloroethene	< 0.00323	0.0250		mg/Kg dry	0.00323	01/10/23 10:21	B3A0179	KS1	50	
1,2,4-Trimethylbenzene	< 0.172	0.172		mg/Kg dry	0.172	01/10/23 10:21	B3A0179	KS1	50	
1,2-Dibromo-3-chloropropane	< 0.00810	0.0250		mg/Kg dry	0.00810	01/10/23 10:21	B3A0179	KS1	50	
1,2-Dibromoethane	< 0.00376	0.0250		mg/Kg dry	0.00376	01/10/23 10:21	B3A0179	KS1	50	
1,2-Dichloroethane	< 0.00535	0.0250		mg/Kg dry	0.00535	01/10/23 10:21	B3A0179	KS1	50	
1,2-Dichloropropane	< 0.00277	0.0250		mg/Kg dry	0.00277	01/10/23 10:21	B3A0179	KS1	50	
1,3,5-Trimethylbenzene	< 0.178	0.178		mg/Kg dry	0.178	01/10/23 10:21	B3A0179	KS1	50	
1-Butanol	< 0.380	0.380		mg/Kg dry	0.380	01/10/23 10:21	B3A0179	KS1	50	
2-Butanone	< 0.0267	0.0267		mg/Kg dry	0.0267	01/10/23 10:21	B3A0179	KS1	50	
2-Hexanone	< 0.0302	0.0302		mg/Kg dry	0.0302	01/10/23 10:21	B3A0179	KS1	50	
4-Methyl-2-pentanone	< 0.0290	0.0290		mg/Kg dry	0.0290	01/10/23 10:21	B3A0179	KS1	50	
Acetone	< 0.315	0.315	P	mg/Kg dry	0.315	01/10/23 10:21	B3A0179	KS1	50	
Acrylonitrile	< 0.00920	0.0250		mg/Kg dry	0.00920	01/10/23 10:21	B3A0179	KS1	50	
Benzene	< 0.0188	0.0250		mg/Kg dry	0.0188	01/10/23 10:21	B3A0179	KS1	50	
Bromodichloromethane	< 0.00454	0.0250		mg/Kg dry	0.00454	01/10/23 10:21	B3A0179	KS1	50	
Bromoform	< 0.00444	0.0250		mg/Kg dry	0.00444	01/10/23 10:21	B3A0179	KS1	50	
Carbon disulfide	< 0.0669	0.0669		mg/Kg dry	0.0669	01/10/23 10:21	B3A0179	KS1	50	
Carbon tetrachloride	< 0.00352	0.0250		mg/Kg dry	0.00352	01/10/23 10:21	B3A0179	KS1	50	
Chlorobenzene	< 0.00159	0.0250		mg/Kg dry	0.00159	01/10/23 10:21	B3A0179	KS1	50	
Chloroform	< 0.00501	0.0250		mg/Kg dry	0.00501	01/10/23 10:21	B3A0179	KS1	50	
cis-1,2-Dichloroethene	< 0.00371	0.0250		mg/Kg dry	0.00371	01/10/23 10:21	B3A0179	KS1	50	
Dibromochloromethane	< 0.00451	0.0250		mg/Kg dry	0.00451	01/10/23 10:21	B3A0179	KS1	50	
Ethylbenzene	< 0.0221	0.0250		mg/Kg dry	0.0221	01/10/23 10:21	B3A0179	KS1	50	
m,p-Xylene	< 0.0570	0.0570		mg/Kg dry	0.0570	01/10/23 10:21	B3A0179	KS1	50	
Methyl tert-butyl ether	< 0.00509	0.0250		mg/Kg dry	0.00509	01/10/23 10:21	B3A0179	KS1	50	
Methylene chloride	< 0.570	0.570		mg/Kg dry	0.570	01/10/23 10:21	B3A0179	KS1	50	
Naphthalene	< 0.296	0.296		mg/Kg dry	0.296	01/10/23 10:21	B3A0179	KS1	50	
o-Xylene	< 0.0584	0.0584		mg/Kg dry	0.0584	01/10/23 10:21	B3A0179	KS1	50	
Styrene	< 0.00498	0.0250		mg/Kg dry	0.00498	01/10/23 10:21	B3A0179	KS1	50	
Tetrachloroethene	< 0.0461	0.0461		mg/Kg dry	0.0461	01/10/23 10:21	B3A0179	KS1	50	
Toluene	< 0.0584	0.0584		mg/Kg dry	0.0584	01/10/23 10:21	B3A0179	KS1	50	
trans-1,2-Dichloroethene	< 0.00497	0.0250		mg/Kg dry	0.00497	01/10/23 10:21	B3A0179	KS1	50	
Trichloroethene	< 0.00221	0.0250		mg/Kg dry	0.00221	01/10/23 10:21	B3A0179	KS1	50	
Vinyl acetate	< 0.00733	0.0250		mg/Kg dry	0.00733	01/10/23 10:21	B3A0179	KS1	50	
Vinyl chloride	< 0.00360	0.0250		mg/Kg dry	0.00360	01/10/23 10:21	B3A0179	KS1	50	
Xylenes, Total	< 0.0617	0.0617		mg/Kg dry	0.0617	01/10/23 10:21	B3A0179	KS1	50	
1,2-Dichloroethene, Total	< 0.00563	0.0250		mg/Kg dry	0.00563	01/10/23 10:21	B3A0179	KS1	50	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-11 13'-14'
Report Date: 01/13/2023
Collection Date: 12/27/2022 12:05
Matrix: Soil
Lab ID: 23A0139-02 (Continued)

Analyses	EMT Reporting			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 (Continued)								
Surrogate: Dibromofluoromethane			Recovery: 93%	Limits: 78-137	01/10/23 10:21	B3A0179	KS1	50
Surrogate: 1,2-Dichloroethane-d4			Recovery: 97%	Limits: 86-137	01/10/23 10:21	B3A0179	KS1	50
Surrogate: Fluorobenzene			Recovery: 99%	Limits: 80-120	01/10/23 10:21	B3A0179	KS1	50
Surrogate: Toluene-d8			Recovery: 100%	Limits: 73-112	01/10/23 10:21	B3A0179	KS1	50
Surrogate: 4-Bromofluorobenzene			Recovery: 107%	Limits: 85-120	01/10/23 10:21	B3A0179	KS1	50
Surrogate: 1,2-Dichlorobenzene-d4			Recovery: 104%	Limits: 85-128	01/10/23 10:21	B3A0179	KS1	50

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-12 14'-15'
Report Date: 01/13/2023
Collection Date: 12/27/2022 11:15
Matrix: Soil
Lab ID: 23A0139-03

Analyses	Result	EMT		Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting	Limit							
Wet Chemistry										
Method: SM2540G										
Total Solids	97.2	0.100	H	% (Percent)	0.0240	01/05/23 08:50	B3A0079	LAD	1	
Volatile Organic Compounds by GC/MS										
Method: SW-846 8260B/WDNR: PUBL-FW-140										
1,1,1-Trichloroethane	< 0.00305	0.0250		mg/Kg dry	0.00305	01/10/23 10:45	B3A0179	KS1	50	
1,1,2,2-Tetrachloroethane	< 0.00411	0.0250		mg/Kg dry	0.00411	01/10/23 10:45	B3A0179	KS1	50	
1,1,2-Trichloroethane	< 0.00578	0.0250		mg/Kg dry	0.00578	01/10/23 10:45	B3A0179	KS1	50	
1,1-Dichloroethane	< 0.00200	0.0250		mg/Kg dry	0.00200	01/10/23 10:45	B3A0179	KS1	50	
1,1-Dichloroethene	< 0.00296	0.0250		mg/Kg dry	0.00296	01/10/23 10:45	B3A0179	KS1	50	
1,2,4-Trimethylbenzene	< 0.158	0.158		mg/Kg dry	0.158	01/10/23 10:45	B3A0179	KS1	50	
1,2-Dibromo-3-chloropropane	< 0.00743	0.0250		mg/Kg dry	0.00743	01/10/23 10:45	B3A0179	KS1	50	
1,2-Dibromoethane	< 0.00345	0.0250		mg/Kg dry	0.00345	01/10/23 10:45	B3A0179	KS1	50	
1,2-Dichloroethane	< 0.00490	0.0250		mg/Kg dry	0.00490	01/10/23 10:45	B3A0179	KS1	50	
1,2-Dichloropropane	< 0.00254	0.0250		mg/Kg dry	0.00254	01/10/23 10:45	B3A0179	KS1	50	
1,3,5-Trimethylbenzene	< 0.163	0.163		mg/Kg dry	0.163	01/10/23 10:45	B3A0179	KS1	50	
1-Butanol	< 0.348	0.348		mg/Kg dry	0.348	01/10/23 10:45	B3A0179	KS1	50	
2-Butanone	< 0.0245	0.0250		mg/Kg dry	0.0245	01/10/23 10:45	B3A0179	KS1	50	
2-Hexanone	< 0.0277	0.0277		mg/Kg dry	0.0277	01/10/23 10:45	B3A0179	KS1	50	
4-Methyl-2-pentanone	< 0.0266	0.0266		mg/Kg dry	0.0266	01/10/23 10:45	B3A0179	KS1	50	
Acetone	< 0.289	0.289	P	mg/Kg dry	0.289	01/10/23 10:45	B3A0179	KS1	50	
Acrylonitrile	< 0.00843	0.0250		mg/Kg dry	0.00843	01/10/23 10:45	B3A0179	KS1	50	
Benzene	< 0.0173	0.0250		mg/Kg dry	0.0173	01/10/23 10:45	B3A0179	KS1	50	
Bromodichloromethane	< 0.00416	0.0250		mg/Kg dry	0.00416	01/10/23 10:45	B3A0179	KS1	50	
Bromoform	< 0.00407	0.0250		mg/Kg dry	0.00407	01/10/23 10:45	B3A0179	KS1	50	
Carbon disulfide	< 0.0613	0.0613		mg/Kg dry	0.0613	01/10/23 10:45	B3A0179	KS1	50	
Carbon tetrachloride	< 0.00322	0.0250		mg/Kg dry	0.00322	01/10/23 10:45	B3A0179	KS1	50	
Chlorobenzene	< 0.00146	0.0250		mg/Kg dry	0.00146	01/10/23 10:45	B3A0179	KS1	50	
Chloroform	< 0.00460	0.0250		mg/Kg dry	0.00460	01/10/23 10:45	B3A0179	KS1	50	
cis-1,2-Dichloroethene	< 0.00340	0.0250		mg/Kg dry	0.00340	01/10/23 10:45	B3A0179	KS1	50	
Dibromochloromethane	< 0.00413	0.0250		mg/Kg dry	0.00413	01/10/23 10:45	B3A0179	KS1	50	
Ethylbenzene	< 0.0203	0.0250		mg/Kg dry	0.0203	01/10/23 10:45	B3A0179	KS1	50	
m,p-Xylene	< 0.0522	0.0522		mg/Kg dry	0.0522	01/10/23 10:45	B3A0179	KS1	50	
Methyl tert-butyl ether	< 0.00466	0.0250		mg/Kg dry	0.00466	01/10/23 10:45	B3A0179	KS1	50	
Methylene chloride	< 0.522	0.522		mg/Kg dry	0.522	01/10/23 10:45	B3A0179	KS1	50	
Naphthalene	< 0.271	0.271		mg/Kg dry	0.271	01/10/23 10:45	B3A0179	KS1	50	
o-Xylene	< 0.0535	0.0535		mg/Kg dry	0.0535	01/10/23 10:45	B3A0179	KS1	50	
Styrene	< 0.00457	0.0250		mg/Kg dry	0.00457	01/10/23 10:45	B3A0179	KS1	50	
Tetrachloroethene	< 0.0423	0.0423		mg/Kg dry	0.0423	01/10/23 10:45	B3A0179	KS1	50	
Toluene	< 0.0535	0.0535		mg/Kg dry	0.0535	01/10/23 10:45	B3A0179	KS1	50	
trans-1,2-Dichloroethene	< 0.00456	0.0250		mg/Kg dry	0.00456	01/10/23 10:45	B3A0179	KS1	50	
Trichloroethene	< 0.00203	0.0250		mg/Kg dry	0.00203	01/10/23 10:45	B3A0179	KS1	50	
Vinyl acetate	< 0.00671	0.0250		mg/Kg dry	0.00671	01/10/23 10:45	B3A0179	KS1	50	
Vinyl chloride	< 0.00330	0.0250		mg/Kg dry	0.00330	01/10/23 10:45	B3A0179	KS1	50	
Xylenes, Total	< 0.0565	0.0565		mg/Kg dry	0.0565	01/10/23 10:45	B3A0179	KS1	50	
1,2-Dichloroethene, Total	< 0.00516	0.0250		mg/Kg dry	0.00516	01/10/23 10:45	B3A0179	KS1	50	

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-12 14'-15'
Report Date: 01/13/2023
Collection Date: 12/27/2022 11:15
Matrix: Soil
Lab ID: 23A0139-03 (Continued)

Analyses	EMT Reporting			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 (Continued)								
Surrogate: Dibromofluoromethane			Recovery: 98%	Limits: 78-137	01/10/23 10:45	B3A0179	KS1	50
Surrogate: 1,2-Dichloroethane-d4			Recovery: 97%	Limits: 86-137	01/10/23 10:45	B3A0179	KS1	50
Surrogate: Fluorobenzene			Recovery: 98%	Limits: 80-120	01/10/23 10:45	B3A0179	KS1	50
Surrogate: Toluene-d8			Recovery: 103%	Limits: 73-112	01/10/23 10:45	B3A0179	KS1	50
Surrogate: 4-Bromofluorobenzene			Recovery: 103%	Limits: 85-120	01/10/23 10:45	B3A0179	KS1	50
Surrogate: 1,2-Dichlorobenzene-d4			Recovery: 102%	Limits: 85-128	01/10/23 10:45	B3A0179	KS1	50

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-13 13'-14'
Report Date: 01/13/2023
Collection Date: 12/27/2022 10:15
Matrix: Soil
Lab ID: 23A0139-04

Analyses	Result	EMT		Qual	Units	MDL	Date/Time Analyzed	Batch	Analyst	DF
		Reporting	Limit							
Wet Chemistry										
Method: SM2540G										
Total Solids	97.7	0.100	H	% (Percent)		0.0240	01/05/23 08:52	B3A0079	LAD	1
Volatile Organic Compounds by GC/MS										
Method: SW-846 8260B/WDNR: PUBL-FW-140										
1,1,1-Trichloroethane	< 0.00262	0.0250		mg/Kg dry		0.00262	01/10/23 11:10	B3A0179	KS1	50
1,1,2,2-Tetrachloroethane	< 0.00352	0.0250		mg/Kg dry		0.00352	01/10/23 11:10	B3A0179	KS1	50
1,1,2-Trichloroethane	< 0.00496	0.0250		mg/Kg dry		0.00496	01/10/23 11:10	B3A0179	KS1	50
1,1-Dichloroethane	< 0.00172	0.0250		mg/Kg dry		0.00172	01/10/23 11:10	B3A0179	KS1	50
1,1-Dichloroethene	< 0.00254	0.0250		mg/Kg dry		0.00254	01/10/23 11:10	B3A0179	KS1	50
1,2,4-Trimethylbenzene	< 0.136	0.136		mg/Kg dry		0.136	01/10/23 11:10	B3A0179	KS1	50
1,2-Dibromo-3-chloropropane	< 0.00637	0.0250		mg/Kg dry		0.00637	01/10/23 11:10	B3A0179	KS1	50
1,2-Dibromoethane	< 0.00296	0.0250		mg/Kg dry		0.00296	01/10/23 11:10	B3A0179	KS1	50
1,2-Dichloroethane	< 0.00421	0.0250		mg/Kg dry		0.00421	01/10/23 11:10	B3A0179	KS1	50
1,2-Dichloropropane	< 0.00218	0.0250		mg/Kg dry		0.00218	01/10/23 11:10	B3A0179	KS1	50
1,3,5-Trimethylbenzene	< 0.140	0.140		mg/Kg dry		0.140	01/10/23 11:10	B3A0179	KS1	50
1-Butanol	< 0.299	0.299		mg/Kg dry		0.299	01/10/23 11:10	B3A0179	KS1	50
2-Butanone	< 0.0210	0.0250		mg/Kg dry		0.0210	01/10/23 11:10	B3A0179	KS1	50
2-Hexanone	< 0.0237	0.0250		mg/Kg dry		0.0237	01/10/23 11:10	B3A0179	KS1	50
4-Methyl-2-pentanone	< 0.0228	0.0250		mg/Kg dry		0.0228	01/10/23 11:10	B3A0179	KS1	50
Acetone	< 0.248	0.248	P	mg/Kg dry		0.248	01/10/23 11:10	B3A0179	KS1	50
Acrylonitrile	< 0.00723	0.0250		mg/Kg dry		0.00723	01/10/23 11:10	B3A0179	KS1	50
Benzene	< 0.0148	0.0250		mg/Kg dry		0.0148	01/10/23 11:10	B3A0179	KS1	50
Bromodichloromethane	< 0.00357	0.0250		mg/Kg dry		0.00357	01/10/23 11:10	B3A0179	KS1	50
Bromoform	< 0.00350	0.0250		mg/Kg dry		0.00350	01/10/23 11:10	B3A0179	KS1	50
Carbon disulfide	< 0.0526	0.0526		mg/Kg dry		0.0526	01/10/23 11:10	B3A0179	KS1	50
Carbon tetrachloride	< 0.00277	0.0250		mg/Kg dry		0.00277	01/10/23 11:10	B3A0179	KS1	50
Chlorobenzene	< 0.00125	0.0250		mg/Kg dry		0.00125	01/10/23 11:10	B3A0179	KS1	50
Chloroform	< 0.00394	0.0250		mg/Kg dry		0.00394	01/10/23 11:10	B3A0179	KS1	50
cis-1,2-Dichloroethene	< 0.00292	0.0250		mg/Kg dry		0.00292	01/10/23 11:10	B3A0179	KS1	50
Dibromochloromethane	< 0.00354	0.0250		mg/Kg dry		0.00354	01/10/23 11:10	B3A0179	KS1	50
Ethylbenzene	< 0.0174	0.0250		mg/Kg dry		0.0174	01/10/23 11:10	B3A0179	KS1	50
m,p-Xylene	< 0.0448	0.0448		mg/Kg dry		0.0448	01/10/23 11:10	B3A0179	KS1	50
Methyl tert-butyl ether	< 0.00400	0.0250		mg/Kg dry		0.00400	01/10/23 11:10	B3A0179	KS1	50
Methylene chloride	< 0.448	0.448		mg/Kg dry		0.448	01/10/23 11:10	B3A0179	KS1	50
Naphthalene	< 0.233	0.233		mg/Kg dry		0.233	01/10/23 11:10	B3A0179	KS1	50
o-Xylene	< 0.0459	0.0459		mg/Kg dry		0.0459	01/10/23 11:10	B3A0179	KS1	50
Styrene	< 0.00392	0.0250		mg/Kg dry		0.00392	01/10/23 11:10	B3A0179	KS1	50
Tetrachloroethene	< 0.0363	0.0363		mg/Kg dry		0.0363	01/10/23 11:10	B3A0179	KS1	50
Toluene	< 0.0459	0.0459		mg/Kg dry		0.0459	01/10/23 11:10	B3A0179	KS1	50
trans-1,2-Dichloroethene	< 0.00391	0.0250		mg/Kg dry		0.00391	01/10/23 11:10	B3A0179	KS1	50
Trichloroethene	< 0.00174	0.0250		mg/Kg dry		0.00174	01/10/23 11:10	B3A0179	KS1	50
Vinyl acetate	< 0.00576	0.0250		mg/Kg dry		0.00576	01/10/23 11:10	B3A0179	KS1	50
Vinyl chloride	< 0.00283	0.0250		mg/Kg dry		0.00283	01/10/23 11:10	B3A0179	KS1	50
Xylenes, Total	< 0.0485	0.0485		mg/Kg dry		0.0485	01/10/23 11:10	B3A0179	KS1	50
1,2-Dichloroethene, Total	< 0.00443	0.0250		mg/Kg dry		0.00443	01/10/23 11:10	B3A0179	KS1	50

Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Client Sample ID: GP-13 13'-14'
Report Date: 01/13/2023
Collection Date: 12/27/2022 10:15
Matrix: Soil
Lab ID: 23A0139-04 (Continued)

Analyses	EMT Reporting			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 (Continued)								
Surrogate: Dibromofluoromethane			Recovery: 87%	Limits: 78-137	01/10/23 11:10	B3A0179	KS1	50
Surrogate: 1,2-Dichloroethane-d4			Recovery: 90%	Limits: 86-137	01/10/23 11:10	B3A0179	KS1	50
Surrogate: Fluorobenzene			Recovery: 99%	Limits: 80-120	01/10/23 11:10	B3A0179	KS1	50
Surrogate: Toluene-d8			Recovery: 101%	Limits: 73-112	01/10/23 11:10	B3A0179	KS1	50
Surrogate: 4-Bromofluorobenzene			Recovery: 106%	Limits: 85-120	01/10/23 11:10	B3A0179	KS1	50
Surrogate: 1,2-Dichlorobenzene-d4			Recovery: 106%	Limits: 85-128	01/10/23 11:10	B3A0179	KS1	50

Dates Report

Client: United Engineering Consultants, Inc.

Report Date: 01/13/2023

Project: UEC Analysis
19006

Work Order: 23A0139

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
23A0139-01	GP-11 3'-4'	12/27/22	Soil	Total Solids / Percent Moisture		01/05/23 08:14	01/05/23 08:46	B3A0079	
				Volatile Organic Compounds (WDNR) by GC/MS		01/09/23 13:04	01/10/23 09:56	B3A0179	S3A0115
23A0139-02	GP-11 13'-14'	12/27/22		Total Solids / Percent Moisture		01/05/23 08:14	01/05/23 08:48	B3A0079	
				Volatile Organic Compounds (WDNR) by GC/MS		01/09/23 13:04	01/10/23 10:21	B3A0179	S3A0115
23A0139-03	GP-12 14'-15'	12/27/22		Total Solids / Percent Moisture		01/05/23 08:14	01/05/23 08:50	B3A0079	
				Volatile Organic Compounds (WDNR) by GC/MS		01/09/23 13:04	01/10/23 10:45	B3A0179	S3A0115
23A0139-04	GP-13 13'-14'	12/27/22		Total Solids / Percent Moisture		01/05/23 08:14	01/05/23 08:52	B3A0079	
				Volatile Organic Compounds (WDNR) by GC/MS		01/09/23 13:04	01/10/23 11:10	B3A0179	S3A0115

Quality Control

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Report Date: 01/13/2023
Matrix: Solid

Wet Chemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B3A0079											
Blank (B3A0079-BLK1)											
				<i>Prepared: 01/05/2023 08:14 Analyzed: 01/05/2023 09:10</i>							
Total Solids	< 0.100	0.100	%								1
LCS (B3A0079-BS1)											
				<i>Prepared: 01/05/2023 08:14 Analyzed: 01/05/2023 09:12</i>							
Total Solids	0.203	0.100	%	0.2041		99.5	85-102				1
Duplicate (B3A0079-DUP1)											
				Source: 22L0534-19 <i>Prepared: 01/05/2023 08:14 Analyzed: 01/05/2023 09:14</i>							
Total Solids	89.0	0.100	%		89.3			0.302	5		1
Duplicate (B3A0079-DUP2)											
				Source: 23A0165-01 <i>Prepared: 01/05/2023 08:14 Analyzed: 01/05/2023 09:16</i>							
Total Solids	84.5	0.100	%		84.8			0.296	5		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 01/13/2023**Project:** UEC Analysis
19006**Matrix:** Solid**Work Order:** 23A0139**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: B3A0179**Blank (B3A0179-BLK1)**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 08:41

1,1,1-Trichloroethane	< 0.0250	0.0250	mg/Kg wet								50
1,1,2,2-Tetrachloroethane	< 0.0250	0.0250	mg/Kg wet								50
1,1,2-Trichloroethane	< 0.0250	0.0250	mg/Kg wet								50
1,1-Dichloroethane	< 0.0250	0.0250	mg/Kg wet								50
1,1-Dichloroethene	< 0.0250	0.0250	mg/Kg wet								50
1,2,4-Trimethylbenzene	< 0.183	0.183	mg/Kg wet								50
1,2-Dibromo-3-chloropropane	< 0.0250	0.0250	mg/Kg wet								50
1,2-Dibromoethane	< 0.0250	0.0250	mg/Kg wet								50
1,2-Dichloroethane	< 0.0250	0.0250	mg/Kg wet								50
1,2-Dichloropropane	< 0.0250	0.0250	mg/Kg wet								50
1,3,5-Trimethylbenzene	< 0.188	0.188	mg/Kg wet								50
1-Butanol	< 0.404	0.404	mg/Kg wet								50
2-Butanone	< 0.0284	0.0284	mg/Kg wet								50
2-Hexanone	< 0.0321	0.0321	mg/Kg wet								50
4-Methyl-2-pentanone	< 0.0308	0.0308	mg/Kg wet								50
Acetone	< 0.335	0.335	mg/Kg wet								50
Acrylonitrile	< 0.0250	0.0250	mg/Kg wet								50
Benzene	< 0.0250	0.0250	mg/Kg wet								50
Bromodichloromethane	< 0.0250	0.0250	mg/Kg wet								50
Bromoform	< 0.0250	0.0250	mg/Kg wet								50
Carbon disulfide	< 0.0710	0.0710	mg/Kg wet								50
Carbon tetrachloride	< 0.0250	0.0250	mg/Kg wet								50
Chlorobenzene	< 0.0250	0.0250	mg/Kg wet								50
Chloroform	< 0.0250	0.0250	mg/Kg wet								50
cis-1,2-Dichloroethene	< 0.0250	0.0250	mg/Kg wet								50
Dibromochloromethane	< 0.0250	0.0250	mg/Kg wet								50
Ethylbenzene	< 0.0250	0.0250	mg/Kg wet								50
m,p-Xylene	< 0.0605	0.0605	mg/Kg wet								50
Methyl tert-butyl ether	< 0.0250	0.0250	mg/Kg wet								50
Methylene chloride	< 0.605	0.605	mg/Kg wet								50
Naphthalene	< 0.314	0.314	mg/Kg wet								50
o-Xylene	< 0.0620	0.0620	mg/Kg wet								50
Styrene	< 0.0250	0.0250	mg/Kg wet								50
Tetrachloroethene	< 0.0490	0.0490	mg/Kg wet								50
Toluene	< 0.0620	0.0620	mg/Kg wet								50
trans-1,2-Dichloroethene	< 0.0250	0.0250	mg/Kg wet								50
Trichloroethene	< 0.0250	0.0250	mg/Kg wet								50
Vinyl acetate	< 0.0250	0.0250	mg/Kg wet								50
Vinyl chloride	< 0.0250	0.0250	mg/Kg wet								50
Xylenes, Total	< 0.0655	0.0655	mg/Kg wet								50
1,2-Dichloroethene, Total	< 0.0250	0.0250	mg/Kg wet								50
Surrogate: Dibromofluoromethane	18.7		ug/Kg	20.00		94	78-137				50

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 01/13/2023**Project:** UEC Analysis
19006**Matrix:** Solid**Work Order:** 23A0139**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: B3A0179 (Continued)**Blank (B3A0179-BLK1) (Continued)**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 08:41

Surrogate: 1,2-Dichloroethane-d4	19.9		ug/Kg	20.00		99	86-137				50
Surrogate: Fluorobenzene	19.9		ug/Kg	20.00		100	80-120				50
Surrogate: Toluene-d8	19.7		ug/Kg	20.00		98	73-112				50
Surrogate: 4-Bromofluorobenzene	10.1		ug/Kg	10.00		101	85-120				50
Surrogate: 1,2-Dichlorobenzene-d4	21.7		ug/Kg	20.00		108	85-128				50

LCS (B3A0179-BS1)

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 04:56

1,1,1-Trichloroethane	0.0379	0.0250	mg/Kg wet	0.04000		95	55-145				1
1,1,1,2-Tetrachloroethane	0.0405	0.0250	mg/Kg wet	0.04000		101	40-145				1
1,1,2-Trichloroethane	0.0395	0.0250	mg/Kg wet	0.04000		99	50-140				1
1,1-Dichloroethane	0.0385	0.0250	mg/Kg wet	0.04000		96	65-135				1
1,1-Dichloroethene	0.0430	0.0250	mg/Kg wet	0.04000		107	55-150				1
1,2,4-Trimethylbenzene	0.0408	0.0250	mg/Kg wet	0.04000		102	55-145				1
1,2-Dibromo-3-chloropropane	0.0378	0.0250	mg/Kg wet	0.04000		94	25-150				1
1,2-Dibromoethane	0.0413	0.0250	mg/Kg wet	0.04000		103	60-135				1
1,2-Dichloroethane	0.0381	0.0250	mg/Kg wet	0.04000		95	60-145				1
1,2-Dichloropropane	0.0406	0.0250	mg/Kg wet	0.04000		102	65-125				1
1,3,5-Trimethylbenzene	0.0401	0.0250	mg/Kg wet	0.04000		100	55-145				1
1-Butanol	0.404	0.0250	mg/Kg wet	0.4000		101	70-130				1
2-Butanone	0.128	0.0250	mg/Kg wet	0.1400		91	10-180				1
2-Hexanone	0.130	0.0250	mg/Kg wet	0.1400		93	30-160				1
4-Methyl-2-pentanone	0.134	0.0250	mg/Kg wet	0.1400		96	30-165				1
Acetone	0.123	0.0250	mg/Kg wet	0.1400		88	10-180				1
Acrylonitrile	0.0371	0.0250	mg/Kg wet	0.04000		93	70-130				1
Benzene	0.0410	0.0250	mg/Kg wet	0.04000		103	65-135				1
Bromodichloromethane	0.0402	0.0250	mg/Kg wet	0.04000		101	60-135				1
Bromoform	0.0388	0.0250	mg/Kg wet	0.04000		97	45-150				1
Carbon disulfide	0.0428	0.0250	mg/Kg wet	0.04000		107	30-180				1
Carbon tetrachloride	0.0412	0.0250	mg/Kg wet	0.04000		103	55-145				1
Chlorobenzene	0.0387	0.0250	mg/Kg wet	0.04000		97	65-130				1
Chloroform	0.0392	0.0250	mg/Kg wet	0.04000		98	65-135				1
cis-1,2-Dichloroethene	0.0395	0.0250	mg/Kg wet	0.04000		99	55-135				1
Dibromochloromethane	0.0397	0.0250	mg/Kg wet	0.04000		99	55-140				1
Ethylbenzene	0.0398	0.0250	mg/Kg wet	0.04000		100	65-135				1
m,p-Xylene	0.0799	0.0250	mg/Kg wet	0.08000		100	70-135				1
Methyl tert-butyl ether	0.0369	0.0250	mg/Kg wet	0.04000		92	70-130				1
Methylene chloride	0.0404	0.0250	mg/Kg wet	0.04000		101	40-155				1
Naphthalene	0.0384	0.0250	mg/Kg wet	0.04000		96	25-140				1
o-Xylene	0.0404	0.0250	mg/Kg wet	0.04000		101	70-135				1
Styrene	0.0378	0.0250	mg/Kg wet	0.04000		95	65-135				1
Tetrachloroethene	0.0456	0.0250	mg/Kg wet	0.04000		114	55-150				1
Toluene	0.0400	0.0250	mg/Kg wet	0.04000		100	60-135				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 01/13/2023**Project:** UEC Analysis
19006**Matrix:** Solid**Work Order:** 23A0139**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: B3A0179 (Continued)**LCS (B3A0179-BS1) (Continued)**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 04:56

trans-1,2-Dichloroethene	0.0406	0.0250	mg/Kg wet	0.04000		102	55-145				1
Trichloroethene	0.0407	0.0250	mg/Kg wet	0.04000		102	70-130				1
Vinyl acetate	0.0350	0.0250	mg/Kg wet	0.04000		88	50-150				1
Vinyl chloride	0.0416	0.0250	mg/Kg wet	0.04000		104	45-140				1
Xylenes, Total	0.120	0.0250	mg/Kg wet	0.1200		100	70-135				1
1,2-Dichloroethene, Total	0.0801	0.0250	mg/Kg wet	0.08000		100	55-135				1
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Surrogate: Dibromofluoromethane	19.0		ug/Kg	20.00		95	78-137				1
Surrogate: 1,2-Dichloroethane-d4	19.6		ug/Kg	20.00		98	86-137				1
Surrogate: Fluorobenzene	20.1		ug/Kg	20.00		101	80-120				1
Surrogate: Toluene-d8	19.8		ug/Kg	20.00		99	73-112				1
Surrogate: 4-Bromofluorobenzene	10.6		ug/Kg	10.00		106	85-120				1
Surrogate: 1,2-Dichlorobenzene-d4	20.1		ug/Kg	20.00		101	85-128				1

LCS Dup (B3A0179-BSD1)

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 05:21

1,1,1-Trichloroethane	0.0420	0.0250	mg/Kg wet	0.04000		105	55-145	10	20		1
1,1,2,2-Tetrachloroethane	0.0406	0.0250	mg/Kg wet	0.04000		102	40-145	0.2	20		1
1,1,2-Trichloroethane	0.0401	0.0250	mg/Kg wet	0.04000		100	50-140	1	20		1
1,1-Dichloroethane	0.0424	0.0250	mg/Kg wet	0.04000		106	65-135	10	20		1
1,1-Dichloroethene	0.0489	0.0250	mg/Kg wet	0.04000		122	55-150	13	20		1
1,2,4-Trimethylbenzene	0.0408	0.0250	mg/Kg wet	0.04000		102	55-145	0.02	20		1
1,2-Dibromo-3-chloropropane	0.0390	0.0250	mg/Kg wet	0.04000		97	25-150	3	20		1
1,2-Dibromoethane	0.0408	0.0250	mg/Kg wet	0.04000		102	60-135	1	20		1
1,2-Dichloroethane	0.0418	0.0250	mg/Kg wet	0.04000		104	60-145	9	20		1
1,2-Dichloropropane	0.0407	0.0250	mg/Kg wet	0.04000		102	65-125	0.1	20		1
1,3,5-Trimethylbenzene	0.0412	0.0250	mg/Kg wet	0.04000		103	55-145	3	20		1
1-Butanol	0.411	0.0250	mg/Kg wet	0.4000		103	70-130	2	20		1
2-Butanone	0.147	0.0250	mg/Kg wet	0.1400		105	10-180	14	20		1
2-Hexanone	0.139	0.0250	mg/Kg wet	0.1400		99	30-160	7	20		1
4-Methyl-2-pentanone	0.140	0.0250	mg/Kg wet	0.1400		100	30-165	5	20		1
Acetone	0.152	0.0250	mg/Kg wet	0.1400		109	10-180	21	20	P	1
Acrylonitrile	0.0388	0.0250	mg/Kg wet	0.04000		97	70-130	4	20		1
Benzene	0.0419	0.0250	mg/Kg wet	0.04000		105	65-135	2	20		1
Bromodichloromethane	0.0404	0.0250	mg/Kg wet	0.04000		101	60-135	0.3	20		1
Bromoform	0.0422	0.0250	mg/Kg wet	0.04000		106	45-150	8	20		1
Carbon disulfide	0.0480	0.0250	mg/Kg wet	0.04000		120	30-180	11	20		1
Carbon tetrachloride	0.0416	0.0250	mg/Kg wet	0.04000		104	55-145	0.9	20		1
Chlorobenzene	0.0409	0.0250	mg/Kg wet	0.04000		102	65-130	6	20		1
Chloroform	0.0430	0.0250	mg/Kg wet	0.04000		108	65-135	9	20		1
cis-1,2-Dichloroethene	0.0428	0.0250	mg/Kg wet	0.04000		107	55-135	8	20		1
Dibromochloromethane	0.0435	0.0250	mg/Kg wet	0.04000		109	55-140	9	20		1
Ethylbenzene	0.0414	0.0250	mg/Kg wet	0.04000		104	65-135	4	20		1
m,p-Xylene	0.0836	0.0250	mg/Kg wet	0.08000		105	70-135	5	20		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 01/13/2023**Project:** UEC Analysis
19006**Matrix:** Solid**Work Order:** 23A0139**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: B3A0179 (Continued)**LCS Dup (B3A0179-BSD1) (Continued)**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 05:21

Methyl tert-butyl ether	0.0407	0.0250	mg/Kg wet	0.04000		102	70-130	10	20		1
Methylene chloride	0.0457	0.0250	mg/Kg wet	0.04000		114	40-155	12	20		1
Naphthalene	0.0401	0.0250	mg/Kg wet	0.04000		100	25-140	5	20		1
o-Xylene	0.0407	0.0250	mg/Kg wet	0.04000		102	70-135	0.6	20		1
Styrene	0.0401	0.0250	mg/Kg wet	0.04000		100	65-135	6	20		1
Tetrachloroethene	0.0429	0.0250	mg/Kg wet	0.04000		107	55-150	6	20		1
Toluene	0.0422	0.0250	mg/Kg wet	0.04000		105	60-135	5	20		1
trans-1,2-Dichloroethene	0.0437	0.0250	mg/Kg wet	0.04000		109	55-145	7	20		1
Trichloroethene	0.0411	0.0250	mg/Kg wet	0.04000		103	70-130	1	20		1
Vinyl acetate	0.0411	0.0250	mg/Kg wet	0.04000		103	50-150	16	20		1
Vinyl chloride	0.0426	0.0250	mg/Kg wet	0.04000		107	45-140	2	20		1
Xylenes, Total	0.124	0.0250	mg/Kg wet	0.1200		104	70-135	3	20		1
1,2-Dichloroethene, Total	0.0865	0.0250	mg/Kg wet	0.08000		108	55-135	8	20		1
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Surrogate: Dibromofluoromethane	20.5		ug/Kg	20.00		102	78-137				1
Surrogate: 1,2-Dichloroethane-d4	20.4		ug/Kg	20.00		102	86-137				1
Surrogate: Fluorobenzene	19.8		ug/Kg	20.00		99	80-120				1
Surrogate: Toluene-d8	19.7		ug/Kg	20.00		99	73-112				1
Surrogate: 4-Bromofluorobenzene	10.1		ug/Kg	10.00		101	85-120				1
Surrogate: 1,2-Dichlorobenzene-d4	20.0		ug/Kg	20.00		100	85-128				1

Matrix Spike (B3A0179-MS1)**Source: 23A0139-01**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 06:36

1,1,1-Trichloroethane	2.21	0.0250	mg/Kg dry	2.248	ND	98	70-130				1
1,1,2,2-Tetrachloroethane	1.95	0.0250	mg/Kg dry	2.248	ND	87	70-130				1
1,1,2-Trichloroethane	2.15	0.0250	mg/Kg dry	2.248	ND	96	70-130				1
1,1-Dichloroethane	2.22	0.0250	mg/Kg dry	2.248	ND	99	70-130				1
1,1-Dichloroethene	2.35	0.0250	mg/Kg dry	2.248	ND	105	70-130				1
1,2,4-Trimethylbenzene	2.32	0.206	mg/Kg dry	2.248	ND	103	70-130				1
1,2-Dibromo-3-chloropropane	2.14	0.0250	mg/Kg dry	2.248	ND	95	70-130				1
1,2-Dibromoethane	2.24	0.0250	mg/Kg dry	2.248	ND	100	70-130				1
1,2-Dichloroethane	2.22	0.0250	mg/Kg dry	2.248	ND	99	70-130				1
1,2-Dichloropropane	2.29	0.0250	mg/Kg dry	2.248	ND	102	70-130				1
1,3,5-Trimethylbenzene	2.27	0.212	mg/Kg dry	2.248	ND	101	70-130				1
1-Butanol	19.0	0.454	mg/Kg dry	22.48	ND	84	70-130				1
2-Butanone	8.26	0.0319	mg/Kg dry	7.868	ND	105	70-130				1
2-Hexanone	8.21	0.0360	mg/Kg dry	7.868	ND	104	70-130				1
4-Methyl-2-pentanone	7.27	0.0346	mg/Kg dry	7.868	ND	92	70-130				1
Acetone	< 0.377	0.377	mg/Kg dry	7.868	ND		70-130			S	1
Acrylonitrile	1.98	0.0250	mg/Kg dry	2.248	ND	88	70-130				1
Benzene	2.28	0.0250	mg/Kg dry	2.248	ND	102	70-130				1
Bromodichloromethane	2.21	0.0250	mg/Kg dry	2.248	ND	98	70-130				1
Bromoform	2.10	0.0250	mg/Kg dry	2.248	ND	93	70-130				1
Carbon disulfide	2.30	0.0798	mg/Kg dry	2.248	ND	103	70-130				1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: UEC Analysis
 19006
Work Order: 23A0139

Report Date: 01/13/2023
Matrix: Solid

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: B3A0179 (Continued)**Matrix Spike (B3A0179-MS1) (Continued)****Source: 23A0139-01**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 06:36

Carbon tetrachloride	2.18	0.0250	mg/Kg dry	2.248	ND	97	70-130				1
Chlorobenzene	2.19	0.0250	mg/Kg dry	2.248	ND	98	70-130				1
Chloroform	2.25	0.0250	mg/Kg dry	2.248	ND	100	70-130				1
cis-1,2-Dichloroethene	2.18	0.0250	mg/Kg dry	2.248	ND	97	70-130				1
Dibromochloromethane	2.26	0.0250	mg/Kg dry	2.248	ND	100	70-130				1
Ethylbenzene	2.25	0.0264	mg/Kg dry	2.248	ND	100	70-130				1
m,p-Xylene	4.50	0.0680	mg/Kg dry	4.496	ND	100	70-130				1
Methyl tert-butyl ether	2.19	0.0250	mg/Kg dry	2.248	ND	97	70-130				1
Methylene chloride	2.16	0.680	mg/Kg dry	2.248	ND	96	70-130				1
Naphthalene	2.27	0.353	mg/Kg dry	2.248	ND	101	70-130				1
o-Xylene	2.33	0.0697	mg/Kg dry	2.248	ND	104	70-130				1
Styrene	2.19	0.0250	mg/Kg dry	2.248	ND	97	70-130				1
Tetrachloroethene	3.66	0.0551	mg/Kg dry	2.248	ND	163	70-130			S	1
Toluene	2.27	0.0697	mg/Kg dry	2.248	ND	101	70-130				1
trans-1,2-Dichloroethene	2.26	0.0250	mg/Kg dry	2.248	ND	100	70-130				1
Trichloroethene	2.41	0.0250	mg/Kg dry	2.248	ND	107	70-130				1
Vinyl acetate	0.357	0.0250	mg/Kg dry	2.248	ND	16	70-130			S	1
Vinyl chloride	2.18	0.0250	mg/Kg dry	2.248	ND	97	70-130				1
Xylenes, Total	6.82	0.0736	mg/Kg dry	6.744	ND	101	70-130				1
1,2-Dichloroethene, Total	4.44	0.0250	mg/Kg dry	4.496	ND	99	70-130				1
<hr/>											
Surrogate: Dibromofluoromethane	18.8		ug/Kg	20.00		94	78-137				1
Surrogate: 1,2-Dichloroethane-d4	20.0		ug/Kg	20.00		100	86-137				1
Surrogate: Fluorobenzene	20.0		ug/Kg	20.00		100	80-120				1
Surrogate: Toluene-d8	20.1		ug/Kg	20.00		100	73-112				1
Surrogate: 4-Bromofluorobenzene	10.2		ug/Kg	10.00		102	85-120				1
Surrogate: 1,2-Dichlorobenzene-d4	20.2		ug/Kg	20.00		101	85-128				1

Matrix Spike Dup (B3A0179-MSD1)**Source: 23A0139-01**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 07:01

1,1,1-Trichloroethane	2.06	0.0250	mg/Kg dry	2.248	ND	92	70-130	7	20		1
1,1,1,2-Tetrachloroethane	1.77	0.0250	mg/Kg dry	2.248	ND	79	70-130	10	20		1
1,1,2-Trichloroethane	2.19	0.0250	mg/Kg dry	2.248	ND	97	70-130	2	20		1
1,1-Dichloroethane	2.19	0.0250	mg/Kg dry	2.248	ND	97	70-130	2	20		1
1,1-Dichloroethene	2.38	0.0250	mg/Kg dry	2.248	ND	106	70-130	1	20		1
1,2,4-Trimethylbenzene	2.20	0.206	mg/Kg dry	2.248	ND	98	70-130	5	20		1
1,2-Dibromo-3-chloropropane	2.18	0.0250	mg/Kg dry	2.248	ND	97	70-130	2	20		1
1,2-Dibromoethane	2.15	0.0250	mg/Kg dry	2.248	ND	95	70-130	4	20		1
1,2-Dichloroethane	2.11	0.0250	mg/Kg dry	2.248	ND	94	70-130	5	20		1
1,2-Dichloropropane	2.27	0.0250	mg/Kg dry	2.248	ND	101	70-130	1	20		1
1,3,5-Trimethylbenzene	2.21	0.212	mg/Kg dry	2.248	ND	98	70-130	3	20		1
1-Butanol	18.9	0.454	mg/Kg dry	22.48	ND	84	70-130	0.4	20		1
2-Butanone	9.30	0.0319	mg/Kg dry	7.868	ND	118	70-130	12	20		1
2-Hexanone	8.61	0.0360	mg/Kg dry	7.868	ND	109	70-130	5	20		1

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.**Report Date:** 01/13/2023**Project:** UEC Analysis
19006**Matrix:** Solid**Work Order:** 23A0139**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: B3A0179 (Continued)**Matrix Spike Dup (B3A0179-MSD1) (Continued)****Source: 23A0139-01**

Prepared: 01/09/2023 13:04 Analyzed: 01/10/2023 07:01

4-Methyl-2-pentanone	7.28	0.0346	mg/Kg dry	7.868	ND	92	70-130	0.06	20		1
Acetone	< 0.377	0.377	mg/Kg dry	7.868	ND		70-130		20	S	1
Acrylonitrile	2.04	0.0250	mg/Kg dry	2.248	ND	91	70-130	3	20		1
Benzene	2.22	0.0250	mg/Kg dry	2.248	ND	99	70-130	3	20		1
Bromodichloromethane	2.10	0.0250	mg/Kg dry	2.248	ND	93	70-130	5	20		1
Bromoform	2.05	0.0250	mg/Kg dry	2.248	ND	91	70-130	3	20		1
Carbon disulfide	2.33	0.0798	mg/Kg dry	2.248	ND	104	70-130	1	20		1
Carbon tetrachloride	2.09	0.0250	mg/Kg dry	2.248	ND	93	70-130	4	20		1
Chlorobenzene	2.16	0.0250	mg/Kg dry	2.248	ND	96	70-130	2	20		1
Chloroform	2.10	0.0250	mg/Kg dry	2.248	ND	93	70-130	7	20		1
cis-1,2-Dichloroethene	2.11	0.0250	mg/Kg dry	2.248	ND	94	70-130	3	20		1
Dibromochloromethane	2.10	0.0250	mg/Kg dry	2.248	ND	93	70-130	7	20		1
Ethylbenzene	2.16	0.0264	mg/Kg dry	2.248	ND	96	70-130	4	20		1
m,p-Xylene	4.35	0.0680	mg/Kg dry	4.496	ND	97	70-130	3	20		1
Methyl tert-butyl ether	2.14	0.0250	mg/Kg dry	2.248	ND	95	70-130	2	20		1
Methylene chloride	2.08	0.680	mg/Kg dry	2.248	ND	92	70-130	4	20		1
Naphthalene	2.26	0.353	mg/Kg dry	2.248	ND	101	70-130	0.3	20		1
o-Xylene	2.23	0.0697	mg/Kg dry	2.248	ND	99	70-130	4	20		1
Styrene	2.07	0.0250	mg/Kg dry	2.248	ND	92	70-130	5	20		1
Tetrachloroethene	3.42	0.0551	mg/Kg dry	2.248	ND	152	70-130	7	20	S	1
Toluene	2.19	0.0697	mg/Kg dry	2.248	ND	97	70-130	4	20		1
trans-1,2-Dichloroethene	2.17	0.0250	mg/Kg dry	2.248	ND	96	70-130	4	20		1
Trichloroethene	2.50	0.0250	mg/Kg dry	2.248	ND	111	70-130	4	20		1
Vinyl acetate	0.183	0.0250	mg/Kg dry	2.248	ND	8	70-130	64	20	S	1
Vinyl chloride	2.00	0.0250	mg/Kg dry	2.248	ND	89	70-130	9	20		1
Xylenes, Total	6.58	0.0736	mg/Kg dry	6.744	ND	98	70-130	4	20		1
1,2-Dichloroethene, Total	4.27	0.0250	mg/Kg dry	4.496	ND	95	70-130	4	20		1
Surrogate: Dibromofluoromethane	19.9		ug/Kg	20.00		99	78-137				1
Surrogate: 1,2-Dichloroethane-d4	19.7		ug/Kg	20.00		98	86-137				1
Surrogate: Fluorobenzene	20.0		ug/Kg	20.00		100	80-120				1
Surrogate: Toluene-d8	20.2		ug/Kg	20.00		101	73-112				1
Surrogate: 4-Bromofluorobenzene	10.1		ug/Kg	10.00		101	85-120				1
Surrogate: 1,2-Dichlorobenzene-d4	20.6		ug/Kg	20.00		103	85-128				1

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SM2540G in Solid		
Total Solids	Moist	WDNR,DoD
SW-846 8260B/WDNR: PUBL-FW-140 in Solid		
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
Acrylonitrile	107-13-1	WDNR
Benzene	71-43-2	WDNR
Bromodichloromethane	75-27-4	WDNR
Bromoform	75-25-2	WDNR
Carbon disulfide	75-15-0	WDNR
Carbon tetrachloride	56-23-5	WDNR
Chlorobenzene	108-90-7	WDNR
Chloroform	67-66-3	WDNR
cis-1,2-Dichloroethene	156-59-2	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
Trichloroethene	79-01-6	WDNR
Vinyl acetate	108-05-4	WDNR

Certified Analyses included in this Report (Continued)

Analyte	CAS #	Certifications
SW-846 8260B/WDNR: PUBL-FW-140 in Solid (Continued)		
Vinyl chloride	75-01-4	WDNR
Xylenes, Total	1330-20-7	WDNR
1,2-Dichloroethene, Total	540-59-0	WDNR

List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	17-011	04/30/2024
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L18-184-R1	03/31/2024
DoD	Department of Defense, Accredited by PJLA	L20-164-R2	03/31/2024
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562021-6	07/27/2023
ISO	ISO/IEC 17025:2017, Accredited by PJLA	L20-165	03/31/2024
NEFAP	TNI National Environmental Field Activities Program	L20-166	03/31/2024
NY	New York State Department of Health	65634	04/01/2023
WA	Washington State Department of Ecology	C1057	01/06/2023
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2023

Qualifiers and Definitions

Item	Description
H	Sample prepared and/ or analyzed past recommended holdtime.
J1	The sample was utilized for MS/MSD purposes. For this compound, the recovery and/or RPD fell outside control criteria.
P	The quality control sample %RPD is above the laboratory control limit.
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



23A0139
PM: Tim Witrzek
United Engineering Consultants, Inc.
I/F.C. Analysis

Custody Record

TURNAROUND TIME:
 RUSH _____ day turnaround
 ROUTINE

COC #: **258919**

Due Date:

735

Company: VEC, INC.
 Address: 2938 S. 166TH STREET
NEW BERLIN, WI 53157
 Phone #: (262) 785-1447 Fax #: (262) 706-4400
 P.O. #: _____ Proj. #: _____
 Client Contact: T. ANDERSON
 Project ID / Location: 19086

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

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

Preservative:
 1. None 4. NaOH 7. Zn Ace
 2. 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	
GP-11 3'-4'	3	40ml/4oz	G/G	1/1	NCA	12/27	11:55	-	-	6/1	X	01AB
GP-11 13'-14'	↓	↓	↓	↓	↓	↓	12:05	↓	↓	↓	X	02AB
GP-12 14'-15'	↓	↓	↓	↓	↓	↓	11:15	↓	↓	↓	X	03AB
GP-13 13'-14'	↓	↓	↓	↓	↓	↓	10:15	↓	↓	↓	X	04AB

Relinquished By: [Signature] Date: 1-4-23 Received By: [Signature] Date: 1-4-23
 Time: 0945 Time: 0945
 Relinquished By: [Signature] Date: 1-4-23 Received By: _____ Date: _____
 Time: 1300 Time: _____
 Relinquished By: _____ Date: _____ Received For Lab By: [Signature] Date: _____
 Time: _____ Time: _____

EMT USE ONLY
 SAMPLE RECEIVED ON ICE
 TEMPERATURE
4.60c

EMT SAMPLE RETURN POLICY ON BACK

SPECIAL INSTRUCTIONS: REPORT AS MG/KG. SAME VOL LIST AS W04H Z080679

Sample Receipt Checklist

Printed: 1/4/2023 7:29:59PM

Work Order: 23A0139

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

Date Due: Friday, January 13, 2023

Received By: Kaline Langley
Logged In By: Kaline Langley

Date Received: 01/04/23 13:19
Date Logged In: 01/04/23 13:19

- How were samples received? EMT-Todd
- 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: 23A0139

The samples were received on 01/04/23 13:19. The temperature of the cooler(s) at receipt was:

Cooler Temp C°
Default Cooler 4.6

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

Samples going out of hold time within 24 hours:

pu
Date: 01/04/23

Reviewed By: _____ Date: _____