



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

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Brief

May 8, 2018

Ms. Jennifer Borski
Hydrogeologist
Remediation & Redevelopment Program
Wisconsin Dept. of Natural Resources
625 E. Cty. Road Y, Ste. 700
Oshkosh, WI 54901

**Subject: Transmittal of April, 2018 Monitoring Well Sampling Results
We Energies' Appleton MGP Site, FID #445033380; BRRTS #02-45-000042**

Dear Ms. Borski:

We Energies recently received final analytical results for monitoring wells and piezometers for our April, 2018 quarterly sampling event on the Fox River Mills Apartments property, located adjacent to the above referenced site. A copy of the notification to the property owner and associated summary report are attached.

Please do not hesitate to contact me at (414) 221-2156 or via email at frank.dombrowski@we-energies.com if you have any questions or if further information may be required.

Sincerely,

Frank Dombrowski
Principal Environmental Consultant
WEC Energy Group - Business Services
Environmental Dept.

Enclosure

CC: Project File
W. Musekamp, We Energies
B. Hennings, OBG



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

May 8, 2018

Mr. Dean Bornemann
Area Manager
Oakbrook Corp.
111 E. Water St., # 300
Appleton, WI 54911

Subject: Transmittal of April, 2018 Groundwater Sampling Results for Fox River Mills Properties

Dear Mr. Bornemann:

We Energies recently completed groundwater sampling at your property as part of routine quarterly monitoring for the former manufactured gas plant (MGP) site located at 337 Water St., Appleton, WI. The results of this sampling are summarized in the attached report and summary tables.

Two wells (PZ-26 and PZ-28) contained evidence of free product (oily material). Due to the small amount of material present, no attempt was made to recover free product during this sampling event. Consistent with previous samples collected from existing wells, the presence of volatile organic chemicals (VOCs), naphthalene and metals were present in groundwater at levels above Wisconsin Department of Natural Resources (WDNR) enforcement standards (ESs) in several locations (Table 1 in the attached report). The final laboratory results for the groundwater sampling conducted on your property are also included in Attachment A to the report.

As reported previously, there is no indication that the observed groundwater impacts have changed significantly, are a recent occurrence or pose any immediate risk to the health of the occupants of the building or to the environment. However, the presence of free product will warrant further investigation and we plan to continue quarterly monitoring activities on your property consistent with the WDNR-approved Supplemental Site Investigation Plan and the access agreement.

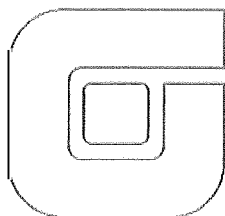
We Energies appreciates your ongoing cooperation and assistance with this matter. Please feel free to contact me at your convenience at (414) 221-2156 or via email at frank.dombrowski@we-energies.com with any questions or if further information may be needed.

Sincerely,

Frank Dombrowski
Principal Environmental Consultant
WEC Energy Group - Business Services
Environmental Dept.

Enclosure

Cc: Project File
J. Borski, WDNR
W. Musekamp, We Energies
B. Hennings, OBG
Janet Smith, Heartland Properties, Inc.



OBG | There's a way

May 8, 2018

Mr. Frank Dombrowski
Principal Environmental Consultant
WEC Business Services, LLC
333 W Everett Street, A231
Milwaukee, WI 53203
(via email)

RE: April 2018 Sample Results Notification

Groundwater results collected in April 2018
Appleton City (Coal Tar), aka Appleton MGP
337 Water Street, Appleton, Wisconsin
WDNR ERP Case #02-45-000042
FID #445033380

Dear Mr. Dombrowski,

This sample results notification letter for the Appleton City former manufactured gas plant (MGP) site located at 337 Water Street in Appleton, Wisconsin (Figure 1) summarizes routine groundwater sampling activities that occurred in April 2018 located on the property occupied by the Fox River Mills Apartments (Figure 1). Free product (oily material) was measured in PZ-26 and PZ-28. Groundwater samples were collected from monitoring wells and piezometers PZ-23, MW-26, MW-27, PZ-27, and MW-28 in accordance with the groundwater monitoring plan.

Groundwater monitoring wells PZ-23, PZ-26, PZ-27, and PZ-28 are screened within the shallow bedrock approximately 20 to 25 feet below ground surface. Consistent with previous monitoring events, free product was observed in PZ-26 and PZ-28 (2.5 feet and trace amounts, respectively). Free product was not observed in any of the other wells. No attempt was made to recover free product during this sampling event. Groundwater analytical results (Table 1) collected from the remaining shallow bedrock wells are consistent with previous samples collected from these wells which indicate benzene, naphthalene, and iron in excess of the Wisconsin Department of Natural Resources (WDNR) enforcement standards (ES) in groundwater and arsenic in excess of the WDNR preventative action limit (PAL).

Groundwater monitoring wells MW-26, MW-27, and MW-28 are screened within the unlithified material above bedrock approximately 5 to 15 feet below ground surface. No free product was observed in any of these wells. Groundwater analytical results indicate the presence of benzene, naphthalene, arsenic, and iron in excess of the WDNR ES in groundwater.

The laboratory report containing groundwater results is included in Attachment A, and the results are summarized in Table 1. There are no indications that the observed groundwater impacts (or the presence of free product in wells with previous groundwater exceedances) are a recent occurrence or pose an immediate risk to the health of the occupants in the apartment building.



234 W Florida Street, 5th Floor
Milwaukee, WI 53204



P 414-837-3607



OBG
www.obg.com

Sincerely,
O'BRIEN & GERE ENGINEERS, INC.



Brian G. Hennings, P.G.
Managing Hydrogeologist

Attachments:

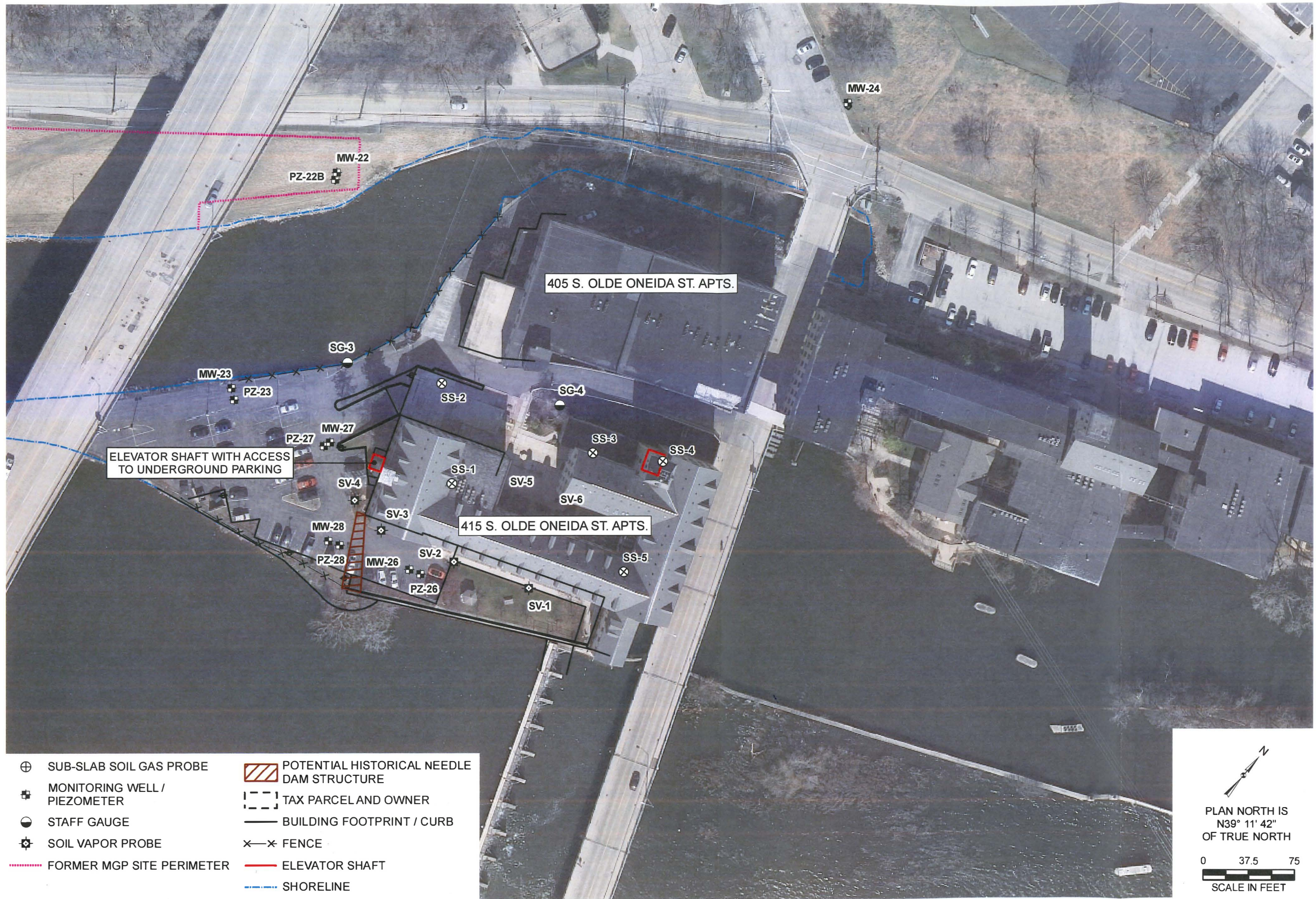
Figure 1	Site Features
Table 1	Summary of Groundwater Results
Table 2	Sample Key
Attachment A	Laboratory Report



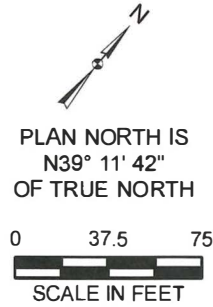


Figure

Y:\GIS\Projects\1511508\MXD\SSWP\Figure 1_Site Features.mxd Author: stolized, Date/Time: 2/19/2018, 3:12:24 PM



- | | |
|--------------------------------|---|
| ⊕ SUB-SLAB SOIL GAS PROBE | ▨ POTENTIAL HISTORICAL NEEDLE DAM STRUCTURE |
| ⊕ MONITORING WELL / PIEZOMETER | ⬜ TAX PARCEL AND OWNER |
| ● STAFF GAUGE | — BUILDING FOOTPRINT / CURB |
| ⊕ SOIL VAPOR PROBE | ×—× FENCE |
| ⋯ FORMER MGP SITE PERIMETER | — ELEVATOR SHAFT |
| | — SHORELINE |



DRAWN BY/DATE:
TDC 9/30/15
REVIEWED BY/DATE:
BGH 9/30/15
APPROVED BY/DATE:
BGH 9/30/15

SITE FEATURES

FORMER APPLETON MANUFACTURED GAS PLANT (MGP) FACILITY
WE ENERGIES
APPLETON, WISCONSIN

PROJECT NO: 1508

FIGURE NO: 1





Tables

Table 1. Summary of Groundwater Results - Heartland-Appleton Fox River Mills

April 2018 Sample Results Notification
 We Energies, Appleton City (Coal Tar), aka Appleton MGP
 WDNR ERP Case #02-45-000042

Sample Location	Sample Date	VOC							MNA						
		Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes, m + p	Xylene, o	Total Xylenes ¹	Alkalinity, Total as CaCO ₃	Arsenic, Dissolved	Iron, Dissolved	Manganese, Dissolved	Methane	Nitrogen, NO ₂ plus NO ₃	Sulfate
Reporting Units:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
Wisconsin PAL:		<u>0.5</u>	<u>140</u>	<u>10</u>	<u>160</u>	<u>NS</u>	<u>NS</u>	<u>400</u>	<u>NS</u>	<u>1</u>	<u>150</u>	<u>60</u>	<u>NS</u>	<u>2</u>	<u>125</u>
Wisconsin ES:		5	700	100	800	NS	NS	2,000	NS	10	300	300	NS	10	250
MW-26	04/11/2018	<u>25.1</u>	< 0.50 U	<u>11.3</u>	< 0.50 U	< 1.0 U	0.82 J	0.82 J	423	<u>35.5</u>	<u>3340</u>	<u>319</u>	3710	< 0.095 U	47.0
MW-27	04/11/2018	<u>342</u>	54.6	<u>467</u>	< 2.5 U	6.6 J	8.1	14.7	208	<u>5.0</u>	<u>545</u>	<u>95.0</u>	3010	< 0.095 U	6.9
MW-28	04/11/2018	< 0.50 U*	< 0.50 U	< 2.5 U	< 0.50 U	< 1.0 U	< 0.50 U	< 1.5 U	214	<u>20.0</u>	<u>228 J</u>	<u>242</u>	4260	0.12 J	20.5
PZ-23	04/11/2018	<u>519</u>	38.5	<u>525</u>	< 5.0 U	< 10.0 U	6.2 J	6.2 J	205	<u>4.5</u>	<u>530</u>	<u>76.8</u>	3460	< 0.095 U	< 1.0 U
PZ-23 Dup02	04/11/2018	<u>524</u>	38.7	<u>654</u>	2.8 J	6.2 J	7.1	13.3	212	<u>4.7</u>	<u>540</u>	<u>78.9</u>	3410	< 0.095 U	< 1.0 U
PZ-27	04/11/2018	<u>334</u>	28.8	<u>495</u>	< 2.5 U	6.3 J	8.9	15.2	223	<u>2.2</u>	<u>1090</u>	<u>110</u>	4410	< 0.095 U	< 1.0 U

[O:ECK 4/26/18, C:SGW 4/27/18, QA: ANS 4/27/18]

NOTES:

Underline value exceeds the Preventative Action Limit

BOLD Value exceeds the Enforcement Standard

U = Parameter not detected above the Limit of Detection indicated

J = Estimated concentration

< = Concentration is less than reported limit

Lab comments and definitions can be found in associated laboratory reports.

MNA = Monitored Natural Attenuation

VOC = Volatile Organic Compound

DUP = Quality Control Field Duplicate Sample

µg/L = micrograms per liter

mg/L = milligrams per liter

MGP = manufactured gas plant

* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria

ES = Enforcement Standard

PAL = Preventive Action Limit

PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective February 2017.

NS = No Standard

1. Total Xylenes were calculated by OBG as follows:

- a. Where no detections were observed, the sum of the reporting limits is presented.
- b. Where detections were observed, the detected results were added together for the total summation.
- c. Analytes used for the calculation are Xylene-o and Xylene-m+p.



Table 2. Sample Key for Heartland-Appleton Fox River Mills

April 2018 Sample Results Notification
We Energies, Appleton City (Coal Tar), aka Appleton MGP
WDNR ERP Case #02-45-000042

PACE Lab_Report	Location ID_Name	Duplicate of	Matrix	Sample Date
40167320	MW-26	--	Groundwater	04/11/2018
40167320	MW-27	--	Groundwater	04/11/2018
40167320	MW-28	--	Groundwater	04/11/2018
40167320	PZ-23	--	Groundwater	04/11/2018
40167320	PZ-23 Dup02	PZ-23	Groundwater	04/11/2018
40167320	PZ-27	--	Groundwater	04/11/2018

[O:ECK 4/26/18, C:SGW 4/27/18, QA: ANS 4/27/18]

Notes:

Sorted by: Location Name

MGP = manufactured gas plant

DUP = Duplicate Quality Control Sample





Laboratory Data Reports



Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 24, 2018

David Kollakowsky
We Energies
333 W. Everett St
Room P129
Milwaukee, WI 532012179

RE: Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

Dear David Kollakowsky:

Enclosed are the analytical results for sample(s) received by the laboratory on April 11, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Frank Dombrowski, WE Energies
Brian Hennings, NATURAL RESOURCE TECHNOLOGY



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40167320001	PZ-23	Water	04/11/18 08:35	04/11/18 13:45
40167320002	DUP02	Water	04/11/18 08:40	04/11/18 13:45
40167320003	PZ-27	Water	04/11/18 09:24	04/11/18 13:45
40167320004	MW-27	Water	04/11/18 10:05	04/11/18 13:45
40167320005	MW-28	Water	04/11/18 11:16	04/11/18 13:45
40167320006	MW-26	Water	04/11/18 10:41	04/11/18 13:45

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SAMPLE ANALYTE COUNT

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40167320001	PZ-23	EPA 8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA300.0	HMB	1
		EPA310.2	DAW	1
		EPA353.2	DAW	1
40167320002	DUP02	EPA8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA300.0	HMB	1
		EPA310.2	DAW	1
		EPA353.2	DAW	1
40167320003	PZ-27	EPA 8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA300.0	HMB	1
		EPA 310.2	DAW	1
		EPA353.2	DAW	1
40167320004	MW-27	EPA 8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA300.0	HMB	1
		EPA310.2	DAW	1
		EPA353.2	DAW	1
40167320005	MW-28	EPA8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA 300.0	HMB	1
		EPA 310.2	DAW	1
		EPA353.2	DAW	1
40167320006	MW-26	EPA8015B Modified	ALD	1
		EPA6020	DS1	3
		EPA8260	LAP	9
		EPA300.0	HMB	1
		EPA 310.2	DAW	1
		EPA353.2	DAW	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Sample: PZ-23 **Lab ID: 40167320001** Collected: 04/11/18 08:35 Received: 04/11/18 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA8015B Modified									
Methane	3460	ug/L	56.0	27.4	20		04/12/18 11:51	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Arsenic, Dissolved	4.5	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 16:16	7440-38-2	
Iron, Dissolved	530	ug/L	368	111	1	04/13/18 06:58	04/17/18 16:16	7439-89-6	
Manganese, Dissolved	76.8	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 16:16	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	519	ug/L	10.0	5.0	10		04/12/18 11:26	71-43-2	
Ethylbenzene	38.5	ug/L	10.0	5.0	10		04/12/18 11:26	100-41-4	
Naphthalene	525	ug/L	50.0	25.0	10		04/12/18 11:26	91-20-3	
Toluene	<5.0	ug/L	10.0	5.0	10		04/12/18 11:26	108-88-3	
m&p-Xylene	<10.0	ug/L	20.0	10.0	10		04/12/18 11:26	179601-23-1	
o-Xylene	6.2J	ug/L	10.0	5.0	10		04/12/18 11:26	95-47-6	
Surrogates									
Dibromofluoromethane (S)	114	%	67-130		10		04/12/18 11:26	1868-53-7	
Toluene-d8 (S)	97	%	70-130		10		04/12/18 11:26	2037-26-5	
4-Bromofluorobenzene (S)	92	%	61-130		10		04/12/18 11:26	460-00-4	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Sulfate	<1.0	mg/L	3.0	1.0	1		04/18/18 17:52	14808-79-8	
310.2 Alkalinity Analytical Method: EPA 310.2									
Alkalinity, Total as CaCO3	205	mg/L	47.0	14.1	2		04/23/18 11:58		
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		04/13/18 11:45		

Sample: DUP02 **Lab ID: 40167320002** Collected: 04/11/18 08:40 Received: 04/11/18 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA8015B Modified									
Methane	3410	ug/L	56.0	27.4	20		04/12/18 11:58	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA6020 Preparation Method: EPA 3010									
Arsenic, Dissolved	4.7	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 16:24	7440-38-2	
Iron, Dissolved	540	ug/L	368	111	1	04/13/18 06:58	04/17/18 16:24	7439-89-6	
Manganese, Dissolved	78.9	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 16:24	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	524	ug/L	5.0	2.5	5		04/13/18 10:01	71-43-2	
Ethylbenzene	38.7	ug/L	5.0	2.5	5		04/13/18 10:01	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Sample: DUP02 Lab ID: 40167320002 Collected: 04/11/18 08:40 Received: 04/11/18 13:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Analytical Method: EPA 8260									
Naphthalene	654	ug/L	25.0	12.5	5		04/13/18 10:01	91-20-3	
Toluene	2.8J	ug/L	5.0	2.5	5		04/13/18 10:01	108-88-3	
m&p-Xylene	6.2J	ug/L	10.0	5.0	5		04/13/18 10:01	179601-23-1	
o-Xylene	7.1	ug/L	5.0	2.5	5		04/13/18 10:01	95-47-6	
Surrogates									
Dibromofluoromethane (S)	116	%	67-130		5		04/13/18 10:01	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		04/13/18 10:01	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-130		5		04/13/18 10:01	460-00-4	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Sulfate	<1.0	mg/L	3.0	1.0	1		04/18/18 19:19	14808-79-8	
310.2 Alkalinity Analytical Method: EPA310.2									
Alkalinity, Total as CaCO3	212	mg/L	23.5	7.0	1		04/23/18 12:01		
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		04/13/18 11:46		

Sample: PZ-27 Lab ID: 40167320003 Collected: 04/11/18 09:24 Received: 04/11/18 13:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA8015B Modified									
Methane	4410	ug/L	70.0	34.2	25		04/12/18 12:05	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA 6020 Preparation Method: EPA3010									
Arsenic, Dissolved	2.2	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 16:32	7440-38-2	
Iron, Dissolved	1090	ug/L	368	111	1	04/13/18 06:58	04/17/18 16:32	7439-89-6	
Manganese, Dissolved	110	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 16:32	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	334	ug/L	5.0	2.5	5		04/12/18 18:55	71-43-2	
Ethylbenzene	28.8	ug/L	5.0	2.5	5		04/12/18 18:55	100-41-4	
Naphthalene	495	ug/L	25.0	12.5	5		04/12/18 18:55	91-20-3	
Toluene	<2.5	ug/L	5.0	2.5	5		04/12/18 18:55	108-88-3	
m&p-Xylene	6.3J	ug/L	10.0	5.0	5		04/12/18 18:55	179601-23-1	
o-Xylene	8.9	ug/L	5.0	2.5	5		04/12/18 18:55	95-47-6	
Surrogates									
Dibromofluoromethane (S)	121	%	67-130		5		04/12/18 18:55	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		04/12/18 18:55	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-130		5		04/12/18 18:55	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Sample: PZ-27 **Lab ID: 40167320003** Collected: 04/11/18 09:24 Received: 04/11/18 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Sulfate	<1.0	mg/L	3.0	1.0	1		04/18/18 19:32	14808-79-8	
310.2 Alkalinity Analytical Method: EPA 310.2									
Alkalinity, Total as CaCO3	223	mg/L	23.5	7.0	1		04/23/18 12:01		
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		04/13/18 11:47		

Sample: MW-27 **Lab ID: 40167320004** Collected: 04/11/18 10:05 Received: 04/11/18 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA 8015B Modified									
Methane	3010	ug/L	56.0	27.4	20		04/12/18 12:12	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Arsenic, Dissolved	5.0	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 16:39	7440-38-2	
Iron, Dissolved	545	ug/L	368	111	1	04/13/18 06:58	04/17/18 16:39	7439-89-6	
Manganese, Dissolved	95.0	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 16:39	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	342	ug/L	5.0	2.5	5		04/12/18 11:04	71-43-2	
Ethylbenzene	54.6	ug/L	5.0	2.5	5		04/12/18 11:04	100-41-4	
Naphthalene	467	ug/L	25.0	12.5	5		04/12/18 11:04	91-20-3	
Toluene	<2.5	ug/L	5.0	2.5	5		04/12/18 11:04	108-88-3	
m&p-Xylene	6.6J	ug/L	10.0	5.0	5		04/12/18 11:04	179601-23-1	
o-Xylene	8.1	ug/L	5.0	2.5	5		04/12/18 11:04	95-47-6	
Surrogates									
Dibromofluoromethane (S)	117	%	67-130		5		04/12/18 11:04	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		04/12/18 11:04	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-130		5		04/12/18 11:04	460-00-4	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Sulfate	6.9	mg/L	3.0	1.0	1		04/18/18 19:46	14808-79-8	
310.2 Alkalinity Analytical Method: EPA 310.2									
Alkalinity, Total as CaCO3	208	mg/L	23.5	7.0	1		04/23/18 12:02		
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		04/13/18 11:48		

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Sample: MW-28	Lab ID: 40167320005	Collected: 04/11/18 11:16	Received: 04/11/18 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA 8015B Modified									
Methane	4260	ug/L	70.0	34.2	25		04/12/18 12:19	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Arsenic, Dissolved	20.0	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 17:02	7440-38-2	
Iron, Dissolved	228J	ug/L	368	111	1	04/13/18 06:58	04/17/18 17:02	7439-89-6	
Manganese, Dissolved	242	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 17:02	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:03	71-43-2	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:03	100-41-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		04/12/18 17:03	91-20-3	
Toluene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:03	108-88-3	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		04/12/18 17:03	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:03	95-47-6	
Surrogates									
Dibromofluoromethane (S)	117	%	67-130		1		04/12/18 17:03	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/12/18 17:03	2037-26-5	
4-Bromofluorobenzene (S)	89	%	61-130		1		04/12/18 17:03	460-00-4	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Sulfate	20.5	mg/L	3.0	1.0	1		04/18/18 19:59	14808-79-8	
310.2 Alkalinity Analytical Method: EPA 310.2									
Alkalinity, Total as CaCO3	214	mg/L	23.5	7.0	1		04/23/18 12:02		
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	0.12J	mg/L	0.25	0.095	1		04/13/18 11:52		

Sample: MW-26	Lab ID: 40167320006	Collected: 04/11/18 10:41	Received: 04/11/18 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV Analytical Method: EPA 8015B Modified									
Methane	3710	ug/L	70.0	34.2	25		04/12/18 12:26	74-82-8	
6020 MET ICPMS, Dissolved Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Arsenic, Dissolved	35.5	ug/L	1.0	0.28	1	04/13/18 06:58	04/17/18 17:10	7440-38-2	
Iron, Dissolved	3340	ug/L	368	111	1	04/13/18 06:58	04/17/18 17:10	7439-89-6	
Manganese, Dissolved	319	ug/L	9.0	2.7	1	04/13/18 06:58	04/17/18 17:10	7439-96-5	
8260 MSV UST Analytical Method: EPA 8260									
Benzene	25.1	ug/L	1.0	0.50	1		04/12/18 17:26	71-43-2	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:26	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Sample: MW-26 Lab ID: 40167320006 Collected: 04/11/18 10:41 Received: 04/11/18 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Naphthalene	11.3	ug/L	5.0	2.5	1		04/12/18 17:26	91-20-3	
Toluene	<0.50	ug/L	1.0	0.50	1		04/12/18 17:26	108-88-3	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		04/12/18 17:26	179601-23-1	
o-Xylene	0.82J	ug/L	1.0	0.50	1		04/12/18 17:26	95-47-6	
Surrogates									
Dibromofluoromethane (S)	119	%	67-130		1		04/12/18 17:26	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/12/18 17:26	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-130		1		04/12/18 17:26	460-00-4	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0									
Sulfate	47.0	mg/L	30.0	10.0	10		04/19/18 12:04	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Alkalinity, Total as CaCO3	423	mg/L	47.0	14.1	2		04/23/18 12:03		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		04/13/18 11:53		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

QC Batch: 285845 Analysis Method: EPA8015B Modified
 QC Batch Method: EPA8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
 Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1672274 Matrix: Water
 Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<1.4	2.8	04/12/18 07:36	

LABORATORY CONTROL SAMPLE & LCSD: 1672275		1672276									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Methane	ug/L	28.6	30.1	29.8	105	104	80-120	1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1672345		1672346										
Parameter	Units	40167318001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	1310	286	286	2410	2360	387	371	10-200	2	20	M1

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

QC Batch: 285998 Analysis Method: EPA6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1673142 Matrix: Water
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	04/17/18 13:59	
Iron, Dissolved	ug/L	<111	368	04/17/18 13:59	
Manganese, Dissolved	ug/L	<2.7	9.0	04/17/18 13:59	

LABORATORY CONTROL SAMPLE: 1673143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	500	497	99	80-120	
Iron, Dissolved	ug/L	5000	4960	99	80-120	
Manganese, Dissolved	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1673144 1673145

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40167318001 Result	Spike Conc.	Spike Conc.	Result						
Arsenic, Dissolved	ug/L	5.2	500	500	507	512	100	101	75-125	1	20
Iron, Dissolved	ug/L	161J	5000	5000	4960	4980	96	96	75-125	0	20
Manganese, Dissolved	ug/L	36.1	500	500	510	510	95	95	75-125	0	20

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

QC Batch: 285843 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1672267 Matrix: Water
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.50	1.0	04/12/18 08:48	
Ethylbenzene	ug/L	<0.50	1.0	04/12/18 08:48	
m&p-Xylene	ug/L	<1.0	2.0	04/12/18 08:48	
Naphthalene	ug/L	<2.5	5.0	04/12/18 08:48	
o-Xylene	ug/L	<0.50	1.0	04/12/18 08:48	
Toluene	ug/L	<0.50	1.0	04/12/18 08:48	
4-Bromofluorobenzene (S)	%	89	61-130	04/12/18 08:48	
Dibromofluoromethane (S)	%	118	67-130	04/12/18 08:48	
Toluene-d8 (S)	%	94	70-130	04/12/18 08:48	

LABORATORY CONTROL SAMPLE: 1672268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	64.7	129	73-145	
Ethylbenzene	ug/L	50	55.0	110	87-129	
m&p-Xylene	ug/L	100	108	108	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Toluene	ug/L	50	53.5	107	82-130	
4-Bromofluorobenzene (S)	%			102	61-130	
Dibromofluoromethane (S)	%			109	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1672711 1672712

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		40167311025 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
Benzene	ug/L	<1.0	50	50	62.9	69.3	126	139	73-145	10	20
Ethylbenzene	ug/L	<1.0	50	50	52.9	58.1	106	116	87-129	9	20
m&p-Xylene	ug/L	<2.0	100	100	104	114	104	114	70-130	9	20
o-Xylene	ug/L	<1.0	50	50	50.7	55.1	101	110	70-130	8	20
Toluene	ug/L	<1.0	50	50	51.8	56.3	104	113	82-131	8	20
4-Bromofluorobenzene (S)	%						103	101	61-130		
Dibromofluoromethane (S)	%						109	109	67-130		
Toluene-d8 (S)	%						97	98	70-130		

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

QC Batch: 286017 Analysis Method: EPA300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1673219 Matrix: Water
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<1.0	3.0	04/18/18 14:05	

LABORATORY CONTROL SAMPLE: 1673220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.3	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1673221 1673222

Parameter	Units	40167318005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Sulfate	mg/L	493	400	400	925	902	108	102	90-110	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1673223 1673224

Parameter	Units	40167320006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Sulfate	mg/L	47.0	200	200	268	257	110	105	90-110	4	15	

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

QC Batch: 286685 Analysis Method: EPA310.2
 QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
 Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1677410 Matrix: Water
 Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	8.9J	23.5	04/23/18 11:50	

LABORATORY CONTROL SAMPLE: 1677411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	98.6	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1677412 1677413

Parameter	Units	40167320001		1677412		1677413		% Rec Limits	Max RPD	Qual		
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				MSD % Rec	
Alkalinity, Total as CaCO3	mg/L	205	200	200	398	400	96	97	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1677414 1677415

Parameter	Units	40167358001		1677414		1677415		% Rec Limits	Max RPD	Qual		
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				MSD % Rec	
Alkalinity, Total as CaCO3	mg/L	3460	2500	2500	5470	5590	80	85	90-110	2	20	MO

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

QC Batch: 285926 Analysis Method: EPA353.2
QC Batch Method: EPA353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

METHOD BLANK: 1672650 Matrix: Water
Associated Lab Samples: 40167320001, 40167320002, 40167320003, 40167320004, 40167320005, 40167320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.095	0.25	04/13/18 11:40	

LABORATORY CONTROL SAMPLE: 1672651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1672652 1672653

Parameter	Units	40167320006 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Nitrogen, NO2 plus NO3	mg/L	<0.095	2.5	2.4	2.5	2.4	97	97	90-110	0	20	

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QUALIFIERS

Project: 67973.200.038 APPLETON FORMER
Pace Project No.: 40167320

DEFINITIONS

DF - Dilution Factor, If reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 67973.200.038 APPLETON FORMER
 Pace Project No.: 40167320

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40167320001	PZ-23	EPA 8015B Modified	285845		
40167320002	DUP02	EPA 8015B Modified	285845		
40167320003	PZ-27	EPA 8015B Modified	285845		
40167320004	MW-27	EPA 8015B Modified	285845		
40167320005	MW-28	EPA 8015B Modified	285845		
40167320006	MW-26	EPA 8015B Modified	285845		
40167320001	PZ-23	EPA3010	285998	EPA6020	286075
40167320002	DUP02	EPA3010	285998	EPA6020	286075
40167320003	PZ-27	EPA3010	285998	EPA6020	286075
40167320004	MW-27	EPA3010	285998	EPA6020	286075
40167320005	MW-28	EPA3010	285998	EPA6020	286075
40167320006	MW-26	EPA3010	285998	EPA6020	286075
40167320001	PZ-23	EPA 8260	285843		
40167320002	DUP02	EPA 8260	285843		
40167320003	PZ-27	EPA 8260	285843		
40167320004	MW-27	EPA 8260	285843		
40167320005	MW-28	EPA 8260	285843		
40167320006	MW-26	EPA 8260	285843		
40167320001	PZ-23	EPA 300.0	286017		
40167320002	DUP02	EPA300.0	286017		
40167320003	PZ-27	EPA300.0	286017		
40167320004	MW-27	EPA300.0	286017		
40167320005	MW-28	EPA300.0	286017		
40167320006	MW-26	EPA300.0	286017		
40167320001	PZ-23	EPA310.2	286685		
40167320002	DUP02	EPA310.2	286685		
40167320003	PZ-27	EPA310.2	286685		
40167320004	MW-27	EPA310.2	286685		
40167320005	MW-28	EPA310.2	286685		
40167320006	MW-26	EPA310.2	286685		
40167320001	PZ-23	EPA353.2	285926		
40167320002	DUP02	EPA353.2	285926		
40167320003	PZ-27	EPA353.2	285926		
40167320004	MW-27	EPA353.2	285926		
40167320005	MW-28	EPA353.2	285926		
40167320006	MW-26	EPA353.2	285926		

REPORT OF LABORATORY ANALYSIS

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QC: EDP
4-11-18

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

CO# 67973-0418-003
40167320


Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: <u>8</u> of <u>8</u>	
Company: We Energies		Report To: David Kollakowky		Attention: Accounts Payable		REGULATORY AGENCY	
Address: 333 W. Everett St. Milwaukee, WI 53203		Copy To: Brian Hennings, O'Brien and Gere Engineers		Company Name: We Energies			
Email To: dave.kollakowsky@we-energies.com		Purchase Order No.: 4700003357		Address: 333 W Everett St. Milwaukee WI		<input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER	
Phone: Fax:		Project Name: Appleton Former MGP		Pace Quote Reference:		<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
Requested Due Date/TAT: standard		Project Number: 67973.200.038		Pace Project Manager:		Site Location: WI	
				Pace Profile #:		STATE: WI	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No / Lab I.D.		
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	Preservatives												
					DATE	TIME	DATE	TIME				H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈	Methanol	Other	BTEX & Naph 8260B	As, Fe & Mn 6020			Sulfate 310.2	Methane 8015B
1	PZ-23	001	GW	G	04-11-18	0835			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
2	DUP02	002	GW	G	04-11-18	0840			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
3	PZ-27	003	SW	G	04-11-18	0424			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
4	MW-27	004	GW	G	04-11-18	1005			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
5	MW-28	005	GW	G	04-11-18	1116			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
6	MW-26	006	GW	G	04-11-18	1041			9	X	X	X	X	X	X	X	X	X	X	X	X	X		
7	Equip Blank 2																							
8	ABS 4-11-18																							
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	REQUINISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
EPA Level 2	Eric Plante	4-11-18	1345	OSCONS rule	4/11/18	1345	PO2	Y	N	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Eric Plante				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):			

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 31Jan2018
	Document No.: F-GB-C-031-rev.06	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # **WO# : 40167320**



40167320

Client Name: WE Energies

Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:

Date: 4/11/18

Initials: [Signature]

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A MS/MSD <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>024 - normal & ready</u> <u>[Signature]</u> 4/11/18
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 4-12-18