



We Energies
333 West Everett St., A231
Milwaukee, WI 53203
www.we-energies.com

May 15, 2020

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 2020 Monitoring Well Sampling Results We Energies'
Appleton MGP Site, WDNR ERP Case #02-45-000042, FID #445033380**

Dear Ms. Borski:

We Energies received final analytical results for monitoring wells and piezometers for our April 2020 semi-annual 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@wecenergygroup.com if you have any questions or if further information may be required.

Sincerely,

A handwritten signature in black ink that reads "Frank Dombrowski".

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

Enclosures

Cc: Project File
B. Hennings, Ramboll



We Energies
333 West Everett St., A231
Milwaukee, WI 53203
www.we-energies.com

May 15, 2020

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

Subject: April 2020 Groundwater Sampling Results for Fox River Mills Properties

Dear Mr. Bornemann:

We Energies completed groundwater sampling at your property as part of routine semi-annual monitoring for the former manufactured gas plant (MGP) site located at 337 Water Street in Appleton, Wisconsin (Figure 1). The attached letter summarizes routine groundwater sampling activities that occurred in April 2020 located on the property occupied by the Fox River Mills Apartments (Figure 1 in the attached report).

Two wells (PZ-26 and PZ-28) contained evidence of free product (oily material) at thicknesses comparable to previous monitoring events. Due to small amount of material present, no attempt was made to recover free product during this sampling event and free product was not observed in other wells. Consistent with previous samples collected from the existing wells, presence of volatile organic compounds (VOCs), benzene, naphthalene, and metals including Arsenic, Manganese, and Iron in groundwater were present above the Wisconsin Department of Natural Resources (WDNR) Enforcement Standards (ES) and/or the WDNR preventative action limit (PAL).

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 are a recent occurrence or pose an immediate risk to the health of the occupants in the apartment building. However, the presence of free product will warrant further investigation and we plan to continue 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@wecenergygroup.com with any questions or if further information may be needed.

Sincerely,

A handwritten signature in black ink that reads "Frank Dombrowski".

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

Enclosures

Cc: Project File
J. Borski, WDNR
B. Hennings, Ramboll
Janet Smith, Heartland Properties, Inc.

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

**April 2020 Sample Results Notification – Groundwater Results
Collected in April 2020
Appleton City (Coal Tar), aka Appleton MGP
337 Water Street, Appleton, Wisconsin
WDNR ERP Case #02-45-000042, FID #445033380**

May 15, 2020

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 2020 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.

Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
USA

T 414-837-3607
F 414-837-3608
www.ramboll.com

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 (2.25 and 0.85 feet, 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 and naphthalene in excess of the Wisconsin Department of Natural Resources (WDNR) enforcement standards (ES) in groundwater.

Ref. 75502

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. Consistent with previous sampling events, groundwater analytical results indicate the presence of benzene, naphthalene, 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.

Sincerely,



Brian G. Hennings, PG
Managing Hydrogeologist

D +1 414 837 3524

brian.hennings@ramboll.com

Attachments: Figure 1 – Site Features
Table 1 – Summary of Groundwater Results – Heartland-Appleton Fox River Mills
Attachment A – Laboratory Report

FIGURES

Y:\GIS\Projects\1511508\MXD\SSWP\Figure 1_Site Features_200420.mxd

PROJECT: 169000XXXXX | DATED: 4/20/2020 | DESIGNER: galammc



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

SITE FEATURES

FIGURE 1

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

RAMBOLL US CORPORATION
 A RAMBOLL COMPANY



TABLES

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

April 2020 Sample Results Notification
 We Energies, Appleton City (Coal Tar), aka Appleton MGP
 WDNR ERP Case #02-45-000042
 FID #445033380

| Sample Location | Sample Date | VOC | | | | | | | MNA | | | | | | |
|------------------|-------------|------------|--------------|-------------|------------|----------------|-----------|----------------------------|----------------------------|--------------------|-----------------|----------------------|-----------|------------------------|------------|
| | | Benzene | Ethylbenzene | Naphthalene | Toluene | Xylenes, m + p | Xylene, o | Total Xylenes ¹ | Alkalinity, Total as CaCO3 | Arsenic, Dissolved | Iron, Dissolved | Manganese, Dissolved | Methane | Nitrogen, NO2 plus NO3 | Sulfate |
| Reporting Units: | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | mg/L | mg/L | mg/L | mg/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>0.001</u> | <u>0.15</u> | <u>0.06</u> | <u>NS</u> | <u>2</u> | <u>125</u> |
| Wisconsin ES: | | 5 | 700 | 100 | 800 | NS | NS | 2,000 | NS | 0.01 | 0.3 | 0.3 | NS | 10 | 250 |
| MW-26 | 4/20/2020 | <u>6.8</u> | <0.32 U | 1.5 J | <0.27 U | <0.47 U | 0.37 J | 0.37 | 398 | <u>0.105</u> | <u>1.97</u> | <u>0.3</u> | 4360 | <0.059 U | 30.8 |
| MW-27 | 4/20/2020 | 335 | 67.2 | 381 | 1.8 J | 5.0 J | 8.4 | 13.4 | 209 | <u>0.0053</u> | <u>0.391</u> | <u>0.0911</u> | 977 | 0.068 J | 6.2 |
| MW-28 | 4/20/2020 | <0.25 U | <0.32 U | <1.2 U | <0.27 U | <0.47 U | <0.26 U | <0.73 U | 245 | <u>0.03</u> | <u>1.27</u> | <u>0.576</u> | 3350 | <0.059 U | 48.1 |
| PZ-23 | 4/20/2020 | <u>461</u> | 36.1 | <u>254</u> | <2.7 U | <4.7 U | 7.3 J | 7.3 | 215 | <u>0.0051</u> | <u>0.309</u> | 0.0557 | 4320 | <0.059 U | 3.9 |
| PZ-23-Dup | 4/20/2020 | <u>563</u> | 44.3 | <u>363</u> | 2.8 J | 6.7 J | 7.9 | 14.6 | 210 | <u>0.0053</u> | <u>0.247 J</u> | 0.0568 | 5520 | <0.059 U | 4 |
| PZ-27 | 4/20/2020 | <u>298</u> | 30.3 | <u>276</u> | 2.0 J | 5.1 J | 8.4 | 13.5 | 207 | <u>0.0024</u> | <u>0.84</u> | <u>0.0953</u> | 2530 | <0.059 U | 1.2 J |

[O:CMD 5/13/20, C:SGW 5/13/20, QA: KLT 5/13/20]

NOTES:

- Underlined concentration that attains or exceeds WDNR PAL
- Bold** concentration that attains or exceeds WDNR ES

PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.
 Results that attain or exceed the PAL or ES are considered to be in exceedance.

- < = Concentration is less than reported limit
- µg/L = micrograms per liter
- Dup = Quality Control Field Duplicate Sample
- ES = Enforcement Standard
- FID = Facility ID
- J = Estimated concentration
- mg/L = milligrams per liter
- MGP = manufactured gas plant
- MNA = Monitored Natural Attenuation
- NS = No Standard
- PAL = Preventive Action Limit
- U = Parameter not detected above the Limit of Detection indicated
- VOC = Volatile Organic Compound
- WDNR ERP = Wisconsin Department of Natural Resources Environmental Repair Program

1. Total Xylenes were calculated by Ramboll as follows:
 - a. Where no detections were observed, the sum of the reporting limits is presented.
 - b. Where detections were observed, only the detected results were added together for the total summation.
 - c. Analytes used for the calculation are Xylene-o and Xylenes-m+p.

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



**ATTACHMENT A
LABORATORY REPORT**

May 05, 2020

Frank Dombrowski
WE Energies
333 W. Everett St
Milwaukee, WI 53203

RE: Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

Dear Frank Dombrowski:

Enclosed are the analytical results for sample(s) received by the laboratory on April 21, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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: Alex Bartelme, Ramboll
NRT Data, OBG
Brian Hennings, Ramboll
WE Energies Lab Reports, WE Energies



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

Pace Analytical Services Green Bay

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-----------|--------|----------------|----------------|
| 40206573001 | MW-26 | Water | 04/20/20 11:37 | 04/21/20 14:30 |
| 40206573002 | MW-28 | Water | 04/20/20 12:24 | 04/21/20 14:30 |
| 40206573003 | PZ-27 | Water | 04/20/20 12:59 | 04/21/20 14:30 |
| 40206573004 | MW-27 | Water | 04/20/20 13:36 | 04/21/20 14:30 |
| 40206573005 | PZ-23 | Water | 04/20/20 14:17 | 04/21/20 14:30 |
| 40206573006 | QA/QC1 | Water | 04/20/20 14:22 | 04/21/20 14:30 |

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SAMPLE ANALYTE COUNT

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|-------------|-----------|--------------------|----------|-------------------|
| 40206573001 | MW-26 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | HNW | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |
| 40206573002 | MW-28 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | HNW | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |
| 40206573003 | PZ-27 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | HNW | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |
| 40206573004 | MW-27 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | HNW | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |
| 40206573005 | PZ-23 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | HNW | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |
| 40206573006 | QA/QC1 | EPA 8015B Modified | ALD | 1 |
| | | EPA 6020 | DS1 | 3 |
| | | EPA 8260 | LAP | 9 |
| | | EPA 300.0 | HMB | 1 |
| | | EPA 310.2 | DAW | 1 |
| | | EPA 353.2 | DAW | 1 |

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|---------------|------------------|---------------|-----------------|--------------------------|
|---------------|------------------|---------------|-----------------|--------------------------|

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

Sample: MW-26 **Lab ID: 40206573001** Collected: 04/20/20 11:37 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|------------------|-------|--------|-------|----|----------------|----------------|-------------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 4360 | ug/L | 56.0 | 13.3 | 20 | | 04/28/20 13:34 | 74-82-8 | |
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 105 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 17:26 | 7440-38-2 | |
| Iron, Dissolved | 1970 | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 17:26 | 7439-89-6 | |
| Manganese, Dissolved | 300 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 17:26 | 7439-96-5 | |
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | 6.8 | ug/L | 1.0 | 0.25 | 1 | | 04/27/20 10:09 | 71-43-2 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 04/27/20 10:09 | 100-41-4 | |
| Naphthalene | 1.5J | ug/L | 5.0 | 1.2 | 1 | | 04/27/20 10:09 | 91-20-3 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 04/27/20 10:09 | 108-88-3 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 04/27/20 10:09 | 179601-23-1 | |
| o-Xylene | 0.37J | ug/L | 1.0 | 0.26 | 1 | | 04/27/20 10:09 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 108 | % | 70-130 | | 1 | | 04/27/20 10:09 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 1 | | 04/27/20 10:09 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 97 | % | 70-130 | | 1 | | 04/27/20 10:09 | 460-00-4 | |
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 30.8 | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 17:15 | 14808-79-8 | |
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 398 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:43 | | |
| 353.2 Nitrogen, NO2/NO3 pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.059 | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:13 | | |

Sample: MW-28 **Lab ID: 40206573002** Collected: 04/20/20 12:24 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-------------|-------|------|------|----|----------|----------------|---------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 3350 | ug/L | 70.0 | 16.6 | 25 | | 04/28/20 15:24 | 74-82-8 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

Sample: MW-28 **Lab ID: 40206573002** Collected: 04/20/20 12:24 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-------------|------|
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 30.0 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 17:33 | 7440-38-2 | |
| Iron, Dissolved | 1270 | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 17:33 | 7439-89-6 | |
| Manganese, Dissolved | 576 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 17:33 | 7439-96-5 | |
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/24/20 15:18 | 71-43-2 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 04/24/20 15:18 | 100-41-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 04/24/20 15:18 | 91-20-3 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 04/24/20 15:18 | 108-88-3 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 04/24/20 15:18 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/24/20 15:18 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 04/24/20 15:18 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 1 | | 04/24/20 15:18 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 97 | % | 70-130 | | 1 | | 04/24/20 15:18 | 460-00-4 | |
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 48.1 | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 17:29 | 14808-79-8 | |
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 245 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:44 | | |
| 353.2 Nitrogen, NO2/NO3 pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.059 | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:14 | | |

Sample: PZ-27 **Lab ID: 40206573003** Collected: 04/20/20 12:59 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|-----------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 2530 | ug/L | 56.0 | 13.3 | 20 | | 04/28/20 13:48 | 74-82-8 | |
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 2.4 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 17:39 | 7440-38-2 | |
| Iron, Dissolved | 840 | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 17:39 | 7439-89-6 | |
| Manganese, Dissolved | 95.3 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 17:39 | 7439-96-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

Sample: PZ-27 **Lab ID: 40206573003** Collected: 04/20/20 12:59 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-----|----|----------|----------------|-------------|------|
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | 298 | ug/L | 5.0 | 1.2 | 5 | | 04/24/20 13:48 | 71-43-2 | |
| Ethylbenzene | 30.3 | ug/L | 5.3 | 1.6 | 5 | | 04/24/20 13:48 | 100-41-4 | |
| Naphthalene | 276 | ug/L | 25.0 | 5.9 | 5 | | 04/24/20 13:48 | 91-20-3 | |
| Toluene | 2.0J | ug/L | 4.5 | 1.3 | 5 | | 04/24/20 13:48 | 108-88-3 | |
| m&p-Xylene | 5.1J | ug/L | 10.0 | 2.3 | 5 | | 04/24/20 13:48 | 179601-23-1 | |
| o-Xylene | 8.4 | ug/L | 5.0 | 1.3 | 5 | | 04/24/20 13:48 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 5 | | 04/24/20 13:48 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 5 | | 04/24/20 13:48 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-130 | | 5 | | 04/24/20 13:48 | 460-00-4 | |

| | | | | | | | | | |
|--|------|------|-----|------|---|--|----------------|------------|--|
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 1.2J | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 17:44 | 14808-79-8 | |

| | | | | | | | | | |
|--|-----|------|------|-----|---|--|----------------|--|--|
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 207 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:45 | | |

| | | | | | | | | | |
|--|--------|------|------|-------|---|--|----------------|--|--|
| 353.2 Nitrogen, NO2/NO3 pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.059 | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:14 | | |

Sample: MW-27 **Lab ID: 40206573004** Collected: 04/20/20 13:36 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|-----------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 977 | ug/L | 28.0 | 6.6 | 10 | | 04/28/20 15:55 | 74-82-8 | |
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 5.3 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 17:46 | 7440-38-2 | |
| Iron, Dissolved | 391 | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 17:46 | 7439-89-6 | |
| Manganese, Dissolved | 91.1 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 17:46 | 7439-96-5 | |
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | 335 | ug/L | 5.0 | 1.2 | 5 | | 04/24/20 14:10 | 71-43-2 | |
| Ethylbenzene | 67.2 | ug/L | 5.3 | 1.6 | 5 | | 04/24/20 14:10 | 100-41-4 | |
| Naphthalene | 381 | ug/L | 25.0 | 5.9 | 5 | | 04/24/20 14:10 | 91-20-3 | |
| Toluene | 1.8J | ug/L | 4.5 | 1.3 | 5 | | 04/24/20 14:10 | 108-88-3 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

Sample: MW-27 **Lab ID: 40206573004** Collected: 04/20/20 13:36 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------------|-------|--------|-------|----|----------|----------------|-------------|------|
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| m&p-Xylene | 5.0J | ug/L | 10.0 | 2.3 | 5 | | 04/24/20 14:10 | 179601-23-1 | |
| o-Xylene | 8.4 | ug/L | 5.0 | 1.3 | 5 | | 04/24/20 14:10 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 5 | | 04/24/20 14:10 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 5 | | 04/24/20 14:10 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-130 | | 5 | | 04/24/20 14:10 | 460-00-4 | |
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 6.2 | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 17:59 | 14808-79-8 | |
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 209 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:46 | | |
| 353.2 Nitrogen, NO2/NO3 pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | 0.068J | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:20 | | |

Sample: PZ-23 **Lab ID: 40206573005** Collected: 04/20/20 14:17 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|----------------|-------|--------|------|----|----------------|----------------|-------------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 4320 | ug/L | 56.0 | 13.3 | 20 | | 04/28/20 14:28 | 74-82-8 | |
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 5.1 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 17:53 | 7440-38-2 | |
| Iron, Dissolved | 309 | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 17:53 | 7439-89-6 | |
| Manganese, Dissolved | 55.7 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 17:53 | 7439-96-5 | |
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | 461 | ug/L | 10.0 | 2.5 | 10 | | 04/24/20 14:33 | 71-43-2 | |
| Ethylbenzene | 36.1 | ug/L | 10.6 | 3.2 | 10 | | 04/24/20 14:33 | 100-41-4 | |
| Naphthalene | 254 | ug/L | 50.0 | 11.8 | 10 | | 04/24/20 14:33 | 91-20-3 | |
| Toluene | <2.7 | ug/L | 9.0 | 2.7 | 10 | | 04/24/20 14:33 | 108-88-3 | |
| m&p-Xylene | <4.7 | ug/L | 20.0 | 4.7 | 10 | | 04/24/20 14:33 | 179601-23-1 | |
| o-Xylene | 7.3J | ug/L | 10.0 | 2.6 | 10 | | 04/24/20 14:33 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 107 | % | 70-130 | | 10 | | 04/24/20 14:33 | 1868-53-7 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

Sample: PZ-23 **Lab ID: 40206573005** Collected: 04/20/20 14:17 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|------------------|-------|--------|-------|----|----------|----------------|------------|------|
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Surrogates | | | | | | | | | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 10 | | 04/24/20 14:33 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-130 | | 10 | | 04/24/20 14:33 | 460-00-4 | |
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 3.9 | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 18:14 | 14808-79-8 | |
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO3 | 215 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:47 | | |
| 353.2 Nitrogen, NO2/NO3 pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.059 | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:20 | | |

Sample: QA/QC1 **Lab ID: 40206573006** Collected: 04/20/20 14:22 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| Methane, Ethane, Ethene GCV | | | | | | | | | |
| Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay | | | | | | | | | |
| Methane | 5520 | ug/L | 112 | 26.6 | 40 | | 04/28/20 14:35 | 74-82-8 | |
| 6020 MET ICPMS, Dissolved | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Arsenic, Dissolved | 5.3 | ug/L | 1.0 | 0.28 | 1 | 04/21/20 22:52 | 04/30/20 18:00 | 7440-38-2 | |
| Iron, Dissolved | 247J | ug/L | 250 | 58.0 | 1 | 04/21/20 22:52 | 04/30/20 18:00 | 7439-89-6 | |
| Manganese, Dissolved | 56.8 | ug/L | 4.0 | 1.2 | 1 | 04/21/20 22:52 | 04/30/20 18:00 | 7439-96-5 | |
| 8260 MSV UST | | | | | | | | | |
| Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | 563 | ug/L | 5.0 | 1.2 | 5 | | 04/23/20 16:18 | 71-43-2 | |
| Ethylbenzene | 44.3 | ug/L | 5.3 | 1.6 | 5 | | 04/23/20 16:18 | 100-41-4 | |
| Naphthalene | 363 | ug/L | 25.0 | 5.9 | 5 | | 04/23/20 16:18 | 91-20-3 | |
| Toluene | 2.8J | ug/L | 4.5 | 1.3 | 5 | | 04/23/20 16:18 | 108-88-3 | |
| m&p-Xylene | 6.7J | ug/L | 10.0 | 2.3 | 5 | | 04/23/20 16:18 | 179601-23-1 | |
| o-Xylene | 7.9 | ug/L | 5.0 | 1.3 | 5 | | 04/23/20 16:18 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 99 | % | 70-130 | | 5 | | 04/23/20 16:18 | 1868-53-7 | |
| Toluene-d8 (S) | 104 | % | 70-130 | | 5 | | 04/23/20 16:18 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 81 | % | 70-130 | | 5 | | 04/23/20 16:18 | 460-00-4 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

Sample: QA/QC1 **Lab ID: 40206573006** Collected: 04/20/20 14:22 Received: 04/21/20 14:30 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|------------------|-------|------|-------|----|----------|----------------|------------|------|
| 300.0 IC Anions | | | | | | | | | |
| Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay | | | | | | | | | |
| Sulfate | 4.0 | mg/L | 2.0 | 0.44 | 1 | | 04/28/20 18:29 | 14808-79-8 | |
| 310.2 Alkalinity | | | | | | | | | |
| Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Alkalinity, Total as CaCO ₃ | 210 | mg/L | 24.8 | 7.4 | 1 | | 05/04/20 14:52 | | |
| 353.2 Nitrogen, NO₂/NO₃ pres. | | | | | | | | | |
| Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay | | | | | | | | | |
| Nitrogen, NO ₂ plus NO ₃ | <0.059 | mg/L | 0.25 | 0.059 | 1 | | 04/28/20 12:21 | | |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

QC Batch: 353515 Analysis Method: EPA 8015B Modified
 QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

METHOD BLANK: 2046577 Matrix: Water
 Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Methane | ug/L | <0.66 | 2.8 | 04/28/20 08:53 | |

LABORATORY CONTROL SAMPLE & LCSD: 2046578 2046579

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|-----------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Methane | ug/L | 28.6 | 28.2 | 28.5 | 99 | 100 | 79-120 | 1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046580 2046581

| Parameter | Units | 40206571006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Methane | ug/L | 2140 | 286 | 286 | 2960 | 2840 | 286 | 243 | 10-200 | 4 | 20 | E,M1 |

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353096 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

METHOD BLANK: 2044153 Matrix: Water
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------|-------|--------------|-----------------|----------------|------------|
| Arsenic, Dissolved | ug/L | <0.28 | 1.0 | 04/30/20 09:52 | |
| Iron, Dissolved | ug/L | <58.0 | 250 | 04/30/20 09:52 | |
| Manganese, Dissolved | ug/L | <1.2 | 4.0 | 04/30/20 09:52 | |

LABORATORY CONTROL SAMPLE: 2044154

| 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 | 4710 | 94 | 80-120 | |
| Manganese, Dissolved | ug/L | 500 | 476 | 95 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2044155 2044156

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|----------------------|-------|--------------------|-------------|-------------|--------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40206571006 Result | Spike Conc. | Spike Conc. | Result | | | | | | | | |
| Arsenic, Dissolved | ug/L | 4.5 | 500 | 500 | 512 | 517 | 102 | 102 | 75-125 | 1 | 20 | | |
| Iron, Dissolved | ug/L | 86.4J | 5000 | 5000 | 4750 | 4760 | 93 | 93 | 75-125 | 0 | 20 | | |
| Manganese, Dissolved | ug/L | 44.8 | 500 | 500 | 524 | 523 | 96 | 96 | 75-125 | 0 | 20 | | |

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353111 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005

METHOD BLANK: 2044187 Matrix: Water
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| Benzene | ug/L | <0.25 | 1.0 | 04/24/20 06:40 | |
| Ethylbenzene | ug/L | <0.32 | 1.1 | 04/24/20 06:40 | |
| m&p-Xylene | ug/L | <0.47 | 2.0 | 04/24/20 06:40 | |
| Naphthalene | ug/L | <1.2 | 5.0 | 04/24/20 06:40 | |
| o-Xylene | ug/L | <0.26 | 1.0 | 04/24/20 06:40 | |
| Toluene | ug/L | <0.27 | 0.90 | 04/24/20 06:40 | |
| 4-Bromofluorobenzene (S) | % | 96 | 70-130 | 04/24/20 06:40 | |
| Dibromofluoromethane (S) | % | 107 | 70-130 | 04/24/20 06:40 | |
| Toluene-d8 (S) | % | 100 | 70-130 | 04/24/20 06:40 | |

LABORATORY CONTROL SAMPLE: 2044188

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzene | ug/L | 50 | 50.0 | 100 | 70-130 | |
| Ethylbenzene | ug/L | 50 | 48.4 | 97 | 80-120 | |
| m&p-Xylene | ug/L | 100 | 95.8 | 96 | 70-130 | |
| o-Xylene | ug/L | 50 | 46.7 | 93 | 70-130 | |
| Toluene | ug/L | 50 | 48.1 | 96 | 80-120 | |
| 4-Bromofluorobenzene (S) | % | | | 100 | 70-130 | |
| Dibromofluoromethane (S) | % | | | 110 | 70-130 | |
| Toluene-d8 (S) | % | | | 100 | 70-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2044189 2044190

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|--------------------|-------------|-------------|-------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40206571006 Result | Spike Conc. | Spike Conc. | Conc. | | | | | | | | |
| Benzene | ug/L | 1280 | 1250 | 1250 | 2570 | 2470 | 103 | 95 | 70-136 | 4 | 20 | | |
| Ethylbenzene | ug/L | 206 | 1250 | 1250 | 1480 | 1410 | 102 | 97 | 80-120 | 5 | 20 | | |
| m&p-Xylene | ug/L | 14.2J | 2500 | 2500 | 2490 | 2360 | 99 | 94 | 70-130 | 5 | 20 | | |
| o-Xylene | ug/L | 16.5J | 1250 | 1250 | 1220 | 1170 | 97 | 92 | 70-130 | 5 | 20 | | |
| Toluene | ug/L | <6.7 | 1250 | 1250 | 1240 | 1200 | 99 | 96 | 80-120 | 4 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 99 | 99 | 70-130 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 109 | 109 | 70-130 | | | | |
| Toluene-d8 (S) | % | | | | | | 99 | 99 | 70-130 | | | | |

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353377 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

METHOD BLANK: 2045884 Matrix: Water
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Sulfate | mg/L | <0.44 | 2.0 | 04/28/20 11:47 | |

LABORATORY CONTROL SAMPLE: 2045885

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Sulfate | mg/L | 20 | 21.1 | 106 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2045886 2045888

| Parameter | Units | 40206571002 | | 2045888 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|-------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | |
| Sulfate | mg/L | 69.0 | 100 | 100 | 179 | 157 | 110 | 88 | 90-110 | 13 | 15 M0 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2045889 2045890

| Parameter | Units | 40206571006 | | 2045890 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|-------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | |
| Sulfate | mg/L | 10.9 | 20 | 20 | 34.6 | 34.7 | 118 | 119 | 90-110 | 0 | 15 M0 |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

| | |
|---------------------------|--|
| QC Batch: 353114 | Analysis Method: EPA 8260 |
| QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV UST-WATER |
| | Laboratory: Pace Analytical Services - Green Bay |

Associated Lab Samples: 40206573006

METHOD BLANK: 2044195 Matrix: Water

Associated Lab Samples: 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| Benzene | ug/L | <0.25 | 1.0 | 04/23/20 06:36 | |
| Ethylbenzene | ug/L | <0.32 | 1.1 | 04/23/20 06:36 | |
| m&p-Xylene | ug/L | <0.47 | 2.0 | 04/23/20 06:36 | |
| Naphthalene | ug/L | <1.2 | 5.0 | 04/23/20 06:36 | |
| o-Xylene | ug/L | <0.26 | 1.0 | 04/23/20 06:36 | |
| Toluene | ug/L | <0.27 | 0.90 | 04/23/20 06:36 | |
| 4-Bromofluorobenzene (S) | % | 82 | 70-130 | 04/23/20 06:36 | |
| Dibromofluoromethane (S) | % | 103 | 70-130 | 04/23/20 06:36 | |
| Toluene-d8 (S) | % | 104 | 70-130 | 04/23/20 06:36 | |

LABORATORY CONTROL SAMPLE: 2044196

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzene | ug/L | 50 | 57.9 | 116 | 70-130 | |
| Ethylbenzene | ug/L | 50 | 53.1 | 106 | 80-120 | |
| m&p-Xylene | ug/L | 100 | 105 | 105 | 70-130 | |
| o-Xylene | ug/L | 50 | 50.6 | 101 | 70-130 | |
| Toluene | ug/L | 50 | 53.7 | 107 | 80-120 | |
| 4-Bromofluorobenzene (S) | % | | | 89 | 70-130 | |
| Dibromofluoromethane (S) | % | | | 102 | 70-130 | |
| Toluene-d8 (S) | % | | | 104 | 70-130 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353942 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

METHOD BLANK: 2048676 Matrix: Water
Associated Lab Samples: 40206573001, 40206573002, 40206573003, 40206573004, 40206573005, 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--|-------|--------------|-----------------|----------------|------------|
| Alkalinity, Total as CaCO ₃ | mg/L | <7.4 | 24.8 | 05/04/20 14:37 | |

LABORATORY CONTROL SAMPLE: 2048677

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--|-------|-------------|------------|-----------|--------------|------------|
| Alkalinity, Total as CaCO ₃ | mg/L | 100 | 99.5 | 100 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2048678 2048679

| Parameter | Units | 40206638001 | | 40206638002 | | 40206638003 | | % Rec Limits | RPD | Max RPD | Qual |
|--|-------|-------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|--------|---------|------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | |
| Alkalinity, Total as CaCO ₃ | mg/L | 1120 | 2500 | 2500 | 3470 | 3530 | 94 | 96 | 90-110 | 1 | 20 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2048680 2048681

| Parameter | Units | 40206743004 | | 40206743005 | | 40206743006 | | % Rec Limits | RPD | Max RPD | Qual |
|--|-------|-------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|--------|---------|-------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | |
| Alkalinity, Total as CaCO ₃ | mg/L | 235 | 100 | 100 | 280 | 277 | 45 | 42 | 90-110 | 1 | 20 M0 |

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353540 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573001, 40206573002, 40206573003

METHOD BLANK: 2046643 Matrix: Water
Associated Lab Samples: 40206573001, 40206573002, 40206573003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L | <0.059 | 0.25 | 04/28/20 11:55 | |

LABORATORY CONTROL SAMPLE: 2046644

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L | 2.5 | 2.6 | 102 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046645 2046646

| Parameter | Units | 40206571006 | | 2046646 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | <0.059 | 2.5 | 2.5 | 2.6 | 2.6 | 102 | 103 | 90-110 | 0 | 20 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046647 2046648

| Parameter | Units | 40206573003 | | 2046648 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|------|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | <0.059 | 2.5 | 2.5 | 2.5 | 2.5 | 102 | 102 | 90-110 | 0 | 20 |

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QUALITY CONTROL DATA

Project: 67973.200.038 APPLETON FMR MGP
Pace Project No.: 40206573

QC Batch: 353541 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40206573004, 40206573005, 40206573006

METHOD BLANK: 2046649 Matrix: Water
Associated Lab Samples: 40206573004, 40206573005, 40206573006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L | <0.059 | 0.25 | 04/28/20 12:16 | |

LABORATORY CONTROL SAMPLE: 2046650

| 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: 2046651 2046652

| Parameter | Units | 2046651 | | 2046652 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 40206768005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | 6.1 | 2.5 | 2.5 | 8.8 | 8.7 | 106 | 102 | 90-110 | 1 | 20 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046653 2046654

| Parameter | Units | 2046653 | | 2046654 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 40206743005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | <0.059 | 2.5 | 2.5 | 2.3 | 2.4 | 93 | 94 | 90-110 | 1 | 20 |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 67973.200.038 APPLETON FMR MGP

Pace Project No.: 40206573

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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 FMR MGP
Pace Project No.: 40206573

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|--------------------|----------|-------------------|------------------|
| 40206573001 | MW-26 | EPA 8015B Modified | 353515 | | |
| 40206573002 | MW-28 | EPA 8015B Modified | 353515 | | |
| 40206573003 | PZ-27 | EPA 8015B Modified | 353515 | | |
| 40206573004 | MW-27 | EPA 8015B Modified | 353515 | | |
| 40206573005 | PZ-23 | EPA 8015B Modified | 353515 | | |
| 40206573006 | QA/QC1 | EPA 8015B Modified | 353515 | | |
| 40206573001 | MW-26 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573002 | MW-28 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573003 | PZ-27 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573004 | MW-27 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573005 | PZ-23 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573006 | QA/QC1 | EPA 3010 | 353096 | EPA 6020 | 353149 |
| 40206573001 | MW-26 | EPA 8260 | 353111 | | |
| 40206573002 | MW-28 | EPA 8260 | 353111 | | |
| 40206573003 | PZ-27 | EPA 8260 | 353111 | | |
| 40206573004 | MW-27 | EPA 8260 | 353111 | | |
| 40206573005 | PZ-23 | EPA 8260 | 353111 | | |
| 40206573006 | QA/QC1 | EPA 8260 | 353114 | | |
| 40206573001 | MW-26 | EPA 300.0 | 353377 | | |
| 40206573002 | MW-28 | EPA 300.0 | 353377 | | |
| 40206573003 | PZ-27 | EPA 300.0 | 353377 | | |
| 40206573004 | MW-27 | EPA 300.0 | 353377 | | |
| 40206573005 | PZ-23 | EPA 300.0 | 353377 | | |
| 40206573006 | QA/QC1 | EPA 300.0 | 353377 | | |
| 40206573001 | MW-26 | EPA 310.2 | 353942 | | |
| 40206573002 | MW-28 | EPA 310.2 | 353942 | | |
| 40206573003 | PZ-27 | EPA 310.2 | 353942 | | |
| 40206573004 | MW-27 | EPA 310.2 | 353942 | | |
| 40206573005 | PZ-23 | EPA 310.2 | 353942 | | |
| 40206573006 | QA/QC1 | EPA 310.2 | 353942 | | |
| 40206573001 | MW-26 | EPA 353.2 | 353540 | | |
| 40206573002 | MW-28 | EPA 353.2 | 353540 | | |
| 40206573003 | PZ-27 | EPA 353.2 | 353540 | | |
| 40206573004 | MW-27 | EPA 353.2 | 353541 | | |
| 40206573005 | PZ-23 | EPA 353.2 | 353541 | | |
| 40206573006 | QA/QC1 | EPA 353.2 | 353541 | | |

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite
Green Bay, WI 54304
Page 2 of 2

Client Name: We Energies

Project # 40206573

All containers needing preservation have been checked and noted below: Yes No N/A


Lab Lot# of pH paper: 10152791 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MP Date/Time:

| Pace Lab # | Glass | | | | | | | Plastic | | | | | Vials | | | | | Jars | | | | General | | | VOA Vials (>6mm) * | H ₂ SO ₄ pH ≤2 | NaOH+Zn Act pH ≥9 | NaOH pH ≥12 | HNO ₃ pH ≤2 | pH after adjusted | Volume (mL) | | | | | |
|------------|-------|------|------|------|------|------|------|---------|------|------|------|------|-------|------|------|------|------|------|------|------|------|---------|------|------|--------------------|--------------------------------------|-------------------|-------------|------------------------|-------------------|-------------|--|--|--|--|--------------|
| | AG1U | BG1U | AG1H | AG4S | AG4U | AG5U | AG2S | BG3U | BP1U | BP3U | BP3B | BP3N | BP3S | VG9A | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | WGFU | WPFU | SP5T | ZPLC | GN | | | | | | | | | | |
| 001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 007 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |

Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

| | | | |
|---|---|-------------------------------------|---|
| AG1U 1 liter amber glass | BP1U 1 liter plastic unpres | VG9A 40 mL clear ascorbic | JGFU 4 oz amber jar unpres |
| BG1U 1 liter clear glass | BP3U 250 mL plastic unpres | DG9T 40 mL amber Na Thio | JG9U 9 oz amber jar unpres |
| AG1H 1 liter amber glass HCL | BP3B 250 mL plastic NaOH | VG9U 40 mL clear vial unpres | WGFU 4 oz clear jar unpres |
| AG4S 125 mL amber glass H ₂ SO ₄ | BP3N 250 mL plastic HNO ₃ | VG9H 40 mL clear vial HCL | WPFU 4 oz plastic jar unpres |
| AG4U 120 mL amber glass unpres | BP3S 250 mL plastic H ₂ SO ₄ | VG9M 40 mL clear vial MeOH | SP5T 120 mL plastic Na Thiosulfate |
| AG5U 100 mL amber glass unpres | | VG9D 40 mL clear vial DI | ZPLC ziploc bag |
| AG2S 500 mL amber glass H ₂ SO ₄ | | | GN |
| BG3U 250 mL clear glass unpres | | | |

| | | |
|---|---|--|
|  1241 Bellevue Street, Green Bay, WI 54302 | Document Name: Sample Condition Upon Receipt (SCUR) | Document Revised: 26Mar2020 |
| | Document No.: ENV-FRM-GBAY-0014-Rev.00 | Author: Pace Green Bay Quality Office |

Sample Condition Upon Receipt Form (SCUR)

Client Name: WE Energies

Project #:

WO# : 40206573

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 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: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 10.5 /Corr: _____

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

| |
|---|
| Person examining contents: Date: <u>4/21/20</u> /Initials: <u>[Signature]</u> Labeled By Initials: <u>[Signature]</u> |
|---|

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

| | | |
|--|--|------------------|
| 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 checked="" 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 | 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 | 6. |
| Rush Turn Around Time Requested: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. |
| Sufficient Volume: | | 8. |
| For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | |
| Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 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 | 10. |
| Filtered volume received for Dissolved tests | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 11. |
| Sample Labels match COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12. |
| -Includes date/time/ID/Analysis Matrix: <u>W</u> | | |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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:

Person Contacted: _____ Date/Time: _____ If checked, see attached form for additional comments

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir