From:	Staci L Goetz <Staci.Goetz@ramboll.com>
Sent:	Wednesday, February 2, 2022 2:08 PM
To:	Werner, Leah; Krueger, Sarah E - DNR; DNR RR NER
Cc:	Dombrowski, Frank J
Subject:	Former Green Bay MGP- Third Party Notification Letters
Attachments:	1584 WDNR notification ltr to Associated Bank.pdf; 1584 WDNR notification ltr to Harbinger Development, LLC.pdf; 1584 WDNR notification ltr to City of Green Bay.pdf

Ms. Werner and Ms. Krueger-
On behalf of Mr. Dombrowski, please find attached third-party notification letters for the Former Green Bay MPG November 2021 groundwater monitoring event. Hardcopies of the notification letters are being sent to each of the respective property owners. Please feel free to contact Frank directly with any questions.

Kind regards
Staci Goetz

Ph.D.
Managing Geologist

M 414-335-3563
staci.goetz@ramboll.com

Wisconsin Public Service Corporation
700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001
www.wisconsinpublicservice.com

February 2, 2022

Ms. Amy Hazuka
Associated Bank
433 Main Street, Mailstop 8227
Green Bay, WI, 54301-5114

RE: Recent Sampling Results
Wisconsin Public Service Corporation – Former Green Bay Manufactured Gas Plant (MGP)
700 North Adams Street, BRRTS# 0205000254

Dear Ms. Hazuka,

WEC Business Services (WBS), managing the Wisconsin Public Service Corporation (WPSC) former manufactured gas plant site at 700 North Adams Street is providing results of groundwater samples collected as part of routine monitoring (MW414, MW415A, MW415B, MW416) collected in November of 2021, as part of site characterization. Wisconsin Administrative Code Chapter NR716.14 requires responsible parties (WPSC for the above-mentioned site) to report sampling results to the property owner, and occupant, as applicable.

Results of the sampling are summarized in the attached documents. This includes summary tables of the results compared to State standards. Copies of the relevant portions of the associated laboratory reports and a figure showing the locations of samples collected on your property are also included. The results will be presented in a future Remedial Investigation Report.

We appreciate your ongoing cooperation with groundwater sampling activities on your property. If you need additional information, please contact Sarah Krueger from the WDNR at 920-662-5443 or myself at 414-221-2156.

Sincerely,

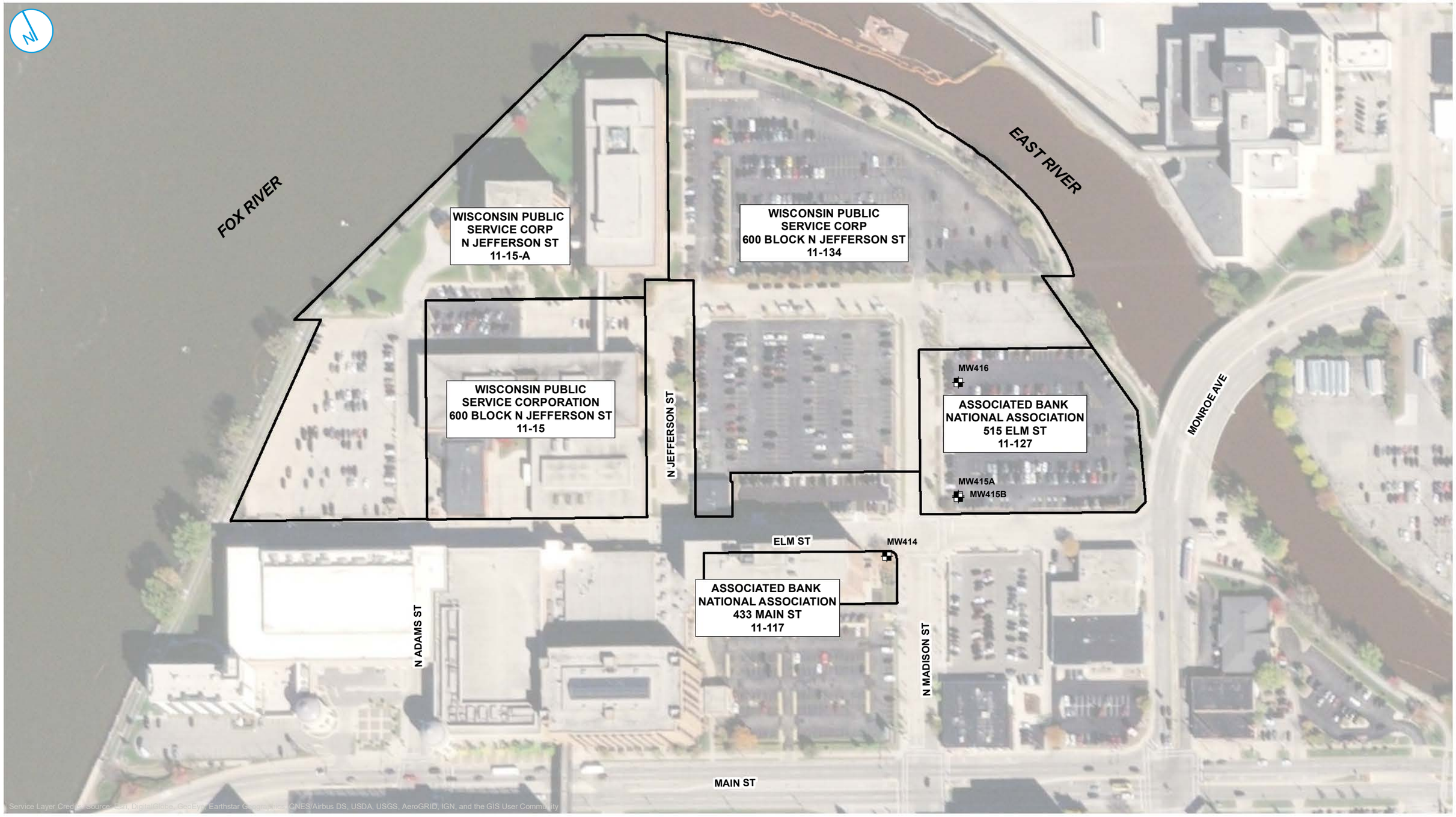
Frank Dombrowski
Principal Environmental Consultant
WEC Business Services - Environmental Dept.

Enc: Figure 1. Associated Bank
Table 1. November 2021 Groundwater Analytical Results for Associated Bank
Laboratory Report – 40236296_frc

cc: Project File
USEPA RPM – Leah Werner (via email)
WDNR PM – Sarah Krueger (via US Mail and email)
WDNR Northeast Region (via email to DNRRRNER@wisconsin.gov)
Ms. Staci Goetz, Ramboll (via email)

FIGURES

Y:\GIS\Projects\151\584\MXD\WEC Adjacent Prop Data Maps\202005\Figure 1_Third_Party.mxd



PROJECT: 70712 | DATED: 7/23/2020 | DESIGNER: STOLZSD

MONITORING WELL LOCATION

PROPERTY LINE

0 75 150 Feet

ASSOCIATED BANK
BRRTS# 02-05-000254

FORMER GREEN BAY MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
GREEN BAY, WISCONSIN

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

TABLES

Table 1. November 2021 Groundwater Analytical Results for Associated Bank

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	PVOC 1,2,4-Trimethylbenzene	PVOC 1,3,5-Trimethylbenzene	PVOC Trimethylbenzenes, Total [1]	PVOC Benzene	PVOC Ethylbenzene	PVOC Toluene	PVOC Xylene, o	PVOC Xylenes, m + p	PVOC Xylenes, Total	PAH 1-Methylnaphthalene	PAH 2-Methylnaphthalene	PAH Acenaphthene	PAH Acenaphthylene	PAH Anthracene	PAH Benzo(a)anthracene	PAH Benzo(a)pyrene	PAH Benzo(b)fluoranthene	PAH Benzo[g,h,i]perylene	PAH Benzo(k)fluoranthene	PAH Chrysene	PAH Dibenz(a,h)anthracene	PAH Fluoranthene	PAH Fluorene	PAH Indeno(1,2,3-cd)pyrene	PAH Naphthalene	PAH Phenanthrene	PAH Pyrene
Reporting Units:			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
WI Groundwater ES:			**NS**	**NS**	**480**	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**NS**	**NS**	**3,000**	**NS**	**0.2**	**0.2**	**NS**	**NS**	**0.2**	**NS**	**400**	**400**	**NS**	**100**	**NS**	**250**
WI Groundwater PAL:			NS	NS	96	0.5	140	160	NS	NS	400	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
110221016	MW-416	11/02/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.012 U	0.017 U	0.025 J	0.049	0.10	0.070	0.059	0.088	0.017 U	0.15	0.022 U	0.052	0.019 U	0.048	0.10
110221017	MW-415A	11/02/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.012 U	0.017 U	0.013 U	0.025 J	0.053	0.036 J	0.021 J	0.042 J	0.017 U	0.081	0.022 U	0.027 J	0.019 U	0.036 J	0.057
110221018	MW-415B	11/02/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.012 U	0.017 U	0.021 J	0.027 J	0.050	0.034 J	0.027 J	0.048	0.017 U	0.074	0.022 U	0.025 J	0.022 J	0.031 J	0.054
110221019	MW-414	11/02/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.051	0.015 J	0.014 J	0.012 U	0.017 U	0.013 U	0.018 U	0.018 U	0.022 U	0.021 U	0.025 * U	0.017 U	0.024 U	0.022 U	0.014 U	0.049	0.024 U	0.021 U

Sorted by 9-digit Code

Bold	attains or exceeds the WI Groundwater ES
Underline	attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
J = Estimated Concentration
U = Concentration was not detected above the reported limit

Acronyms:
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System (Wisconsin Department of Natural Resources (WDNR)
ES = Enforcement Standard
NO2 + NO3 = nitrite plus nitrate
NS = No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
USEPA = United States Environmental Protection Agency
VOC = Volatile Organic Compound
WI = Wisconsin

Superscripts:
1. Total Trimethylbenzenes 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 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

Table 1. November 2021 Groundwater Analytical Results for Associated Bank

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field	Field
			Arsenic, Dissolved	Barium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Iron, Dissolved	Lead, Dissolved	Manganese, Dissolved	Mercury, Dissolved	Selenium, Dissolved	Silver, Dissolved	Chloride, Total	Nitrogen, NO2 + NO3, Total	Sulfate, Total	Methane	Dissolved oxygen	Groundwater, depth to	Oxidation Reduction Potential	pH, Field	Specific Conductance, Field	Temperature, Water	Turbidity, Quantitative
		Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	feet	millivolts	s.u.	µS/cm	Deg C	NTUs
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
		WI Groundwater ES:	**10**	**2,000**	**5**	**100**	**300**	**15**	**300**	**2**	**50**	**50**	**250,000**	**10,000**	**250,000**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
		WI Groundwater PAL:	1	400	0.5	10	150	1.5	60	0.2	10	10	125,000	2,000	125,000	NS	NS	NS	NS	NS	NS	NS	NS
110221016	MW-416	11/02/2021	4.1 J	248	1.5 * U	10.2 * U	**4,820**	2.4 * U	**1,880**	0.066 U	3.2 U	1.3 U	--	59 U	**298,000**	76.5	0.21	3.96	-28.5	6.31	25882.8	18.28	2.27
110221017	MW-415A	11/02/2021	1.4 * U	105	0.76 * U	5.1 U	290 * U	1.2 U	38.7	0.066 U	1.6 U	0.64 U	--	59 U	**278,000**	4.3	0.23	3.77	-21.4	6.74	6508.4	16.61	0.00
110221018	MW-415B	11/02/2021	0.67 J	19.8	0.36 J	2.0 U	116 U	0.47 U	6.4 J	0.066 U	0.63 U	0.25 U	--	240 J	161,000	0.58 U	2.68	4.85	-14.5	7.26	2627.3	13.90	0.00
110221019	MW-414	11/02/2021	1.4 * U	347	0.76 * U	5.1 U	**598** J	1.2 U	**1,450**	0.066 U	1.6 U	0.64 U	--	59 U	**312,000** J	59.0	0.17	4.85	-84.5	6.88	10350.7	14.13	0.00

[O:CMD 12/22/21,C:ECB 1/10/22]

Sorted by 9-digit Code

Bold	attains or exceeds the WI Groundwater ES
Underline	attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
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1. Total Trimethylbenzenes were calculated by Ramboll as follows
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Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

LABORATORY REPORTS

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

November 22, 2021

Staci Goetz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2021. 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,

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

Enclosures

cc: Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, O'Brien & Gere Engineers, Inc Integrys WI
Steve Wiskes, Ramboll

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

CERTIFICATIONS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

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

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40236296001	**110221016**	Water	11/02/21 13:01	11/03/21 15:43
40236296002	**110221017**	Water	11/02/21 13:36	11/03/21 15:43
40236296003	**110221018**	Water	11/02/21 14:05	11/03/21 15:43
40236296004	**110221019**	Water	11/02/21 15:00	11/03/21 15:43

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

SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40236296001	**110221016**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236296002	**110221017**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236296003	**110221018**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236296004	**110221019**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 401260

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236297003

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

- MSD (Lab ID: 2316823)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 6020B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 400925

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110221016 (Lab ID: 40236296001)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 110221017 (Lab ID: 40236296002)
  - Silver, Dissolved
  - Arsenic, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

Analyte Comments:

QC Batch: 400925

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110221017 (Lab ID: 40236296002)
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 110221018 (Lab ID: 40236296003)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 110221019 (Lab ID: 40236296004)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 7470 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 400946

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 300.0 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 402227

B: Analyte was detected in the associated method blank.

- BLANK for HBN 402227 [WETA/661 (Lab ID: 2322987)
  - Sulfate

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 402227

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110221019 (Lab ID: 40236296004)
  - Sulfate

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
4 samples were analyzed for EPA 353.2 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 401868

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236294011,40236297002

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

- MS (Lab ID: 2320790)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 2320791)
  - Nitrogen, NO2 plus NO3

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221016 **Lab ID: 40236296001** Collected: 11/02/21 13:01 Received: 11/03/21 15:43 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	**76.5**	ug/L	2.8	0.58	1		11/10/21 10:15	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**4.1J**	ug/L	10.0	2.8	10	11/08/21 05:57	11/18/21 04:37	7440-38-2	D3
Barium, Dissolved	**248**	ug/L	23.3	7.0	10	11/08/21 05:57	11/18/21 04:37	7440-39-3	
Cadmium, Dissolved	**<1.5**	ug/L	10.0	1.5	10	11/08/21 05:57	11/18/21 04:37	7440-43-9	D3
Chromium, Dissolved	**<10.2**	ug/L	34.0	10.2	10	11/08/21 05:57	11/18/21 04:37	7440-47-3	D3
Iron, Dissolved	**4820**	ug/L	2500	580	10	11/08/21 05:57	11/18/21 04:37	7439-89-6	
Lead, Dissolved	**<2.4**	ug/L	10.0	2.4	10	11/08/21 05:57	11/18/21 04:37	7439-92-1	D3
Manganese, Dissolved	**1880**	ug/L	40.5	12.2	10	11/08/21 05:57	11/18/21 04:37	7439-96-5	
Selenium, Dissolved	**<3.2**	ug/L	10.6	3.2	10	11/08/21 05:57	11/18/21 04:37	7782-49-2	D3
Silver, Dissolved	**<1.3**	ug/L	5.0	1.3	10	11/08/21 05:57	11/18/21 04:37	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:52	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:09	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.047	0.012	1	11/08/21 08:35	11/09/21 18:09	208-96-8	
Anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:09	120-12-7	
Benzo(a)anthracene	**0.025J**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:09	56-55-3	
Benzo(a)pyrene	**0.049**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:09	50-32-8	
Benzo(b)fluoranthene	**0.10**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:09	205-99-2	
Benzo(g,h,i)perylene	**0.070**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:09	191-24-2	
Benzo(k)fluoranthene	**0.059**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:09	207-08-9	
Chrysene	**0.088**	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:09	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:09	53-70-3	
Fluoranthene	**0.15**	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:09	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.052**	ug/L	0.047	0.015	1	11/08/21 08:35	11/09/21 18:09	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:09	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:09	91-57-6	
Naphthalene	**<0.019**	ug/L	0.047	0.019	1	11/08/21 08:35	11/09/21 18:09	91-20-3	
Phenanthrene	**0.048**	ug/L	0.047	0.024	1	11/08/21 08:35	11/09/21 18:09	85-01-8	
Pyrene	**0.10**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	10-113		1	11/08/21 08:35	11/09/21 18:09	321-60-8	
Terphenyl-d14 (S)	67	%	28-124		1	11/08/21 08:35	11/09/21 18:09	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 20:28	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221016 **Lab ID: 40236296001** Collected: 11/02/21 13:01 Received: 11/03/21 15:43 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								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 20:28	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 20:28	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 20:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 20:28	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 20:28	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 20:28	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 20:28	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		11/05/21 20:28	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/21 20:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/05/21 20:28	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**298**	mg/L	40.0	8.9	20		11/19/21 23:45	14808-79-8	
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		11/16/21 13:19		

Sample: 110221017 **Lab ID: 40236296002** Collected: 11/02/21 13:36 Received: 11/03/21 15:43 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	**4.3**	ug/L	2.8	0.58	1		11/10/21 10:22	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<1.4**	ug/L	5.0	1.4	5	11/08/21 05:57	11/18/21 04:44	7440-38-2	D3
Barium, Dissolved	**105**	ug/L	11.6	3.5	5	11/08/21 05:57	11/18/21 04:44	7440-39-3	
Cadmium, Dissolved	**<0.76**	ug/L	5.0	0.76	5	11/08/21 05:57	11/18/21 04:44	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	11/08/21 05:57	11/18/21 04:44	7440-47-3	D3
Iron, Dissolved	**<290**	ug/L	1250	290	5	11/08/21 05:57	11/18/21 04:44	7439-89-6	D3
Lead, Dissolved	**<1.2**	ug/L	5.0	1.2	5	11/08/21 05:57	11/18/21 04:44	7439-92-1	D3
Manganese, Dissolved	**38.7**	ug/L	20.2	6.1	5	11/08/21 05:57	11/18/21 04:44	7439-96-5	
Selenium, Dissolved	**<1.6**	ug/L	5.3	1.6	5	11/08/21 05:57	11/18/21 04:44	7782-49-2	D3
Silver, Dissolved	**<0.64**	ug/L	2.5	0.64	5	11/08/21 05:57	11/18/21 04:44	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:55	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221017 **Lab ID: 40236296002** Collected: 11/02/21 13:36 Received: 11/03/21 15:43 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.047	0.012	1	11/08/21 08:35	11/09/21 18:28	208-96-8	
Anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:28	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28	56-55-3	
Benzo(a)pyrene	**0.025J**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:28	50-32-8	
Benzo(b)fluoranthene	**0.053**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:28	205-99-2	
Benzo(g,h,i)perylene	**0.036J**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:28	191-24-2	
Benzo(k)fluoranthene	**0.021J**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:28	207-08-9	
Chrysene	**0.042J**	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:28	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:28	53-70-3	
Fluoranthene	**0.081**	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:28	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.027J**	ug/L	0.047	0.015	1	11/08/21 08:35	11/09/21 18:28	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:28	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28	91-57-6	
Naphthalene	**<0.019**	ug/L	0.047	0.019	1	11/08/21 08:35	11/09/21 18:28	91-20-3	
Phenanthrene	**0.036J**	ug/L	0.047	0.024	1	11/08/21 08:35	11/09/21 18:28	85-01-8	
Pyrene	**0.057**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	10-113		1	11/08/21 08:35	11/09/21 18:28	321-60-8	
Terphenyl-d14 (S)	74	%	28-124		1	11/08/21 08:35	11/09/21 18:28	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 11:30	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 11:30	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 11:30	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 11:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 11:30	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 11:30	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 11:30	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 11:30	95-47-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		11/05/21 11:30	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 11:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/05/21 11:30	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**278**	mg/L	20.0	4.4	10		11/20/21 00:29	14808-79-8	
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		11/16/21 13:19		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221018 **Lab ID: 40236296003** Collected: 11/02/21 14:05 Received: 11/03/21 15:43 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	**<0.58**	ug/L	2.8	0.58	1		11/10/21 10:48	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.67J**	ug/L	2.0	0.56	2	11/08/21 05:57	11/18/21 04:51	7440-38-2	D3
Barium, Dissolved	**19.8**	ug/L	4.7	1.4	2	11/08/21 05:57	11/18/21 04:51	7440-39-3	
Cadmium, Dissolved	**0.36J**	ug/L	2.0	0.30	2	11/08/21 05:57	11/18/21 04:51	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	11/08/21 05:57	11/18/21 04:51	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	11/08/21 05:57	11/18/21 04:51	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	11/08/21 05:57	11/18/21 04:51	7439-92-1	D3
Manganese, Dissolved	**6.4J**	ug/L	8.1	2.4	2	11/08/21 05:57	11/18/21 04:51	7439-96-5	D3
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	11/08/21 05:57	11/18/21 04:51	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	11/08/21 05:57	11/18/21 04:51	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:57	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:46	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.047	0.012	1	11/08/21 08:35	11/09/21 18:46	208-96-8	
Anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:46	120-12-7	
Benzo(a)anthracene	**0.021J**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:46	56-55-3	
Benzo(a)pyrene	**0.027J**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:46	50-32-8	
Benzo(b)fluoranthene	**0.050**	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:46	205-99-2	
Benzo(g,h,i)perylene	**0.034J**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:46	191-24-2	
Benzo(k)fluoranthene	**0.027J**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:46	207-08-9	
Chrysene	**0.048**	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:46	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:46	53-70-3	
Fluoranthene	**0.074**	ug/L	0.047	0.024	1	11/08/21 08:35	11/09/21 18:46	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:46	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.025J**	ug/L	0.047	0.015	1	11/08/21 08:35	11/09/21 18:46	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:46	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:46	91-57-6	
Naphthalene	**0.022J**	ug/L	0.047	0.019	1	11/08/21 08:35	11/09/21 18:46	91-20-3	
Phenanthrene	**0.031J**	ug/L	0.047	0.024	1	11/08/21 08:35	11/09/21 18:46	85-01-8	
Pyrene	**0.054**	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	10-113		1	11/08/21 08:35	11/09/21 18:46	321-60-8	
Terphenyl-d14 (S)	75	%	28-124		1	11/08/21 08:35	11/09/21 18:46	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 11:48	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221018 **Lab ID: 40236296003** Collected: 11/02/21 14:05 Received: 11/03/21 15:43 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								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 11:48	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 11:48	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 11:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 11:48	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 11:48	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 11:48	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 11:48	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		11/05/21 11:48	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 11:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/05/21 11:48	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**161**	mg/L	10.0	2.2	5		11/20/21 00:44	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.24J**	mg/L	0.25	0.059	1		11/16/21 13:22		

Sample: 110221019 **Lab ID: 40236296004** Collected: 11/02/21 15:00 Received: 11/03/21 15:43 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	**59.0**	ug/L	2.8	0.58	1		11/10/21 10:55	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<1.4**	ug/L	5.0	1.4	5	11/08/21 05:57	11/18/21 04:59	7440-38-2	D3
Barium, Dissolved	**347**	ug/L	11.6	3.5	5	11/08/21 05:57	11/18/21 04:59	7440-39-3	
Cadmium, Dissolved	**<0.76**	ug/L	5.0	0.76	5	11/08/21 05:57	11/18/21 04:59	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	11/08/21 05:57	11/18/21 04:59	7440-47-3	D3
Iron, Dissolved	**598J**	ug/L	1250	290	5	11/08/21 05:57	11/18/21 04:59	7439-89-6	D3
Lead, Dissolved	**<1.2**	ug/L	5.0	1.2	5	11/08/21 05:57	11/18/21 04:59	7439-92-1	D3
Manganese, Dissolved	**1450**	ug/L	20.2	6.1	5	11/08/21 05:57	11/18/21 04:59	7439-96-5	
Selenium, Dissolved	**<1.6**	ug/L	5.3	1.6	5	11/08/21 05:57	11/18/21 04:59	7782-49-2	D3
Silver, Dissolved	**<0.64**	ug/L	2.5	0.64	5	11/08/21 05:57	11/18/21 04:59	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:59	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Sample: 110221019 **Lab ID: 40236296004** Collected: 11/02/21 15:00 Received: 11/03/21 15:43 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**0.014J**	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.046	0.012	1	11/08/21 08:35	11/10/21 13:38	208-96-8	
Anthracene	**<0.017**	ug/L	0.046	0.017	1	11/08/21 08:35	11/10/21 13:38	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38	56-55-3	
Benzo(a)pyrene	**<0.018**	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38	50-32-8	
Benzo(b)fluoranthene	**<0.018**	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38	205-99-2	
Benzo(g,h,i)perylene	**<0.022**	ug/L	0.046	0.022	1	11/08/21 08:35	11/10/21 13:38	191-24-2	
Benzo(k)fluoranthene	**<0.021**	ug/L	0.046	0.021	1	11/08/21 08:35	11/10/21 13:38	207-08-9	
Chrysene	**<0.025**	ug/L	0.046	0.025	1	11/08/21 08:35	11/10/21 13:38	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.046	0.017	1	11/08/21 08:35	11/10/21 13:38	53-70-3	
Fluoranthene	**<0.024**	ug/L	0.046	0.024	1	11/08/21 08:35	11/10/21 13:38	206-44-0	
Fluorene	**<0.022**	ug/L	0.046	0.022	1	11/08/21 08:35	11/10/21 13:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.014**	ug/L	0.046	0.014	1	11/08/21 08:35	11/10/21 13:38	193-39-5	
1-Methylnaphthalene	**0.051**	ug/L	0.046	0.017	1	11/08/21 08:35	11/10/21 13:38	90-12-0	
2-Methylnaphthalene	**0.015J**	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38	91-57-6	
Naphthalene	**0.049**	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38	91-20-3	
Phenanthrene	**<0.024**	ug/L	0.046	0.024	1	11/08/21 08:35	11/10/21 13:38	85-01-8	
Pyrene	**<0.021**	ug/L	0.046	0.021	1	11/08/21 08:35	11/10/21 13:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	10-113		1	11/08/21 08:35	11/10/21 13:38	321-60-8	
Terphenyl-d14 (S)	73	%	28-124		1	11/08/21 08:35	11/10/21 13:38	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 12:07	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 12:07	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 12:07	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 12:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 12:07	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 12:07	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 12:07	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 12:07	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		11/05/21 12:07	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 12:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 12:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**312J**	mg/L	1000	222	500		11/19/21 17:29	14808-79-8	B,D3
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		11/16/21 13:23		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 401260 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: 40236296001, 40236296002, 40236296003, 40236296004

METHOD BLANK: 2316819 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/10/21 08:47	

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	29.4	29.2	103	102	80-121	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	771	286	286	1340	1430	199	229	10-200	6	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 401563 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

METHOD BLANK: 2318496 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	11/15/21 11:05	

LABORATORY CONTROL SAMPLE: 2318497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.1	5.3	101	106	85-115	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 400925
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

METHOD BLANK: 2315458 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	11/18/21 03:08	
Barium, Dissolved	ug/L	<0.70	2.3	11/18/21 03:08	
Cadmium, Dissolved	ug/L	<0.15	1.0	11/18/21 03:08	
Chromium, Dissolved	ug/L	<1.0	3.4	11/18/21 03:08	
Iron, Dissolved	ug/L	<58.0	250	11/18/21 03:08	
Lead, Dissolved	ug/L	<0.24	1.0	11/18/21 03:08	
Manganese, Dissolved	ug/L	<1.2	4.0	11/18/21 03:08	
Selenium, Dissolved	ug/L	<0.32	1.1	11/18/21 03:08	
Silver, Dissolved	ug/L	<0.13	0.50	11/18/21 03:08	

LABORATORY CONTROL SAMPLE: 2315459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	274	109	80-120	
Barium, Dissolved	ug/L	250	265	106	80-120	
Cadmium, Dissolved	ug/L	250	268	107	80-120	
Chromium, Dissolved	ug/L	250	261	104	80-120	
Iron, Dissolved	ug/L	10000	10400	104	80-120	
Lead, Dissolved	ug/L	250	266	107	80-120	
Manganese, Dissolved	ug/L	250	258	103	80-120	
Selenium, Dissolved	ug/L	250	276	110	80-120	
Silver, Dissolved	ug/L	125	133	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2315460 2315461

Parameter	Units	40236217001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	1.0J	250	250	264	268	105	107	75-125	2	20	
Barium, Dissolved	ug/L	13.6	250	250	275	280	105	107	75-125	2	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	259	264	103	106	75-125	2	20	
Chromium, Dissolved	ug/L	<1.0	250	250	257	262	103	105	75-125	2	20	
Iron, Dissolved	ug/L	<58.0	10000	10000	10200	10400	102	104	75-125	2	20	
Lead, Dissolved	ug/L	<0.24	250	250	268	275	107	110	75-125	3	20	
Manganese, Dissolved	ug/L	<1.2	250	250	254	260	101	104	75-125	2	20	
Selenium, Dissolved	ug/L	<0.32	250	250	258	264	103	106	75-125	3	20	
Silver, Dissolved	ug/L	<0.13	125	125	128	130	102	104	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 400684
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296001

METHOD BLANK: 2313546 Matrix: Water
Associated Lab Samples: 40236296001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/05/21 13:39	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/05/21 13:39	
Benzene	ug/L	<0.30	1.0	11/05/21 13:39	
Ethylbenzene	ug/L	<0.33	1.0	11/05/21 13:39	
m&p-Xylene	ug/L	<0.70	2.0	11/05/21 13:39	
o-Xylene	ug/L	<0.35	1.0	11/05/21 13:39	
Toluene	ug/L	<0.29	1.0	11/05/21 13:39	
Xylene (Total)	ug/L	<1.0	3.0	11/05/21 13:39	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	11/05/21 13:39	
4-Bromofluorobenzene (S)	%	100	70-130	11/05/21 13:39	
Toluene-d8 (S)	%	107	70-130	11/05/21 13:39	

LABORATORY CONTROL SAMPLE: 2313547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	47.9	96	70-132	
Ethylbenzene	ug/L	50	49.2	98	80-123	
m&p-Xylene	ug/L	100	96.6	97	70-130	
o-Xylene	ug/L	50	48.6	97	70-130	
Toluene	ug/L	50	48.1	96	80-121	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2314706 2314707

Parameter	Units	40236294005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	51.7	52.1	103	104	70-132	1	20	
Ethylbenzene	ug/L	<0.33	50	50	53.5	54.3	107	109	80-123	1	20	
m&p-Xylene	ug/L	<0.70	100	100	106	106	106	106	70-130	0	20	
o-Xylene	ug/L	<0.35	50	50	53.9	53.9	108	108	70-130	0	20	
Toluene	ug/L	<0.29	50	50	52.7	53.5	105	107	80-121	2	20	
Xylene (Total)	ug/L	<1.0	150	150	160	160	107	106	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						108	108	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2314706 2314707

Parameter	Units	40236294005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						109	107	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 400687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296002, 40236296003, 40236296004

METHOD BLANK: 2313550 Matrix: Water
Associated Lab Samples: 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/05/21 07:09	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/05/21 07:09	
Benzene	ug/L	<0.30	1.0	11/05/21 07:09	
Ethylbenzene	ug/L	<0.33	1.0	11/05/21 07:09	
m&p-Xylene	ug/L	<0.70	2.0	11/05/21 07:09	
o-Xylene	ug/L	<0.35	1.0	11/05/21 07:09	
Toluene	ug/L	<0.29	1.0	11/05/21 07:09	
Xylene (Total)	ug/L	<1.0	3.0	11/05/21 07:09	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	11/05/21 07:09	
4-Bromofluorobenzene (S)	%	100	70-130	11/05/21 07:09	
Toluene-d8 (S)	%	105	70-130	11/05/21 07:09	

LABORATORY CONTROL SAMPLE: 2313551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.7	103	70-132	
Ethylbenzene	ug/L	50	55.1	110	80-123	
m&p-Xylene	ug/L	100	111	111	70-130	
o-Xylene	ug/L	50	56.1	112	70-130	
Toluene	ug/L	50	54.2	108	80-121	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			109	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	52.0	52.4	104	105	70-132	1	20	
Ethylbenzene	ug/L	<0.33	50	50	54.3	54.5	109	109	80-123	0	20	
m&p-Xylene	ug/L	<0.70	100	100	108	109	108	109	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	55.1	54.9	110	110	70-130	0	20	
Toluene	ug/L	<0.29	50	50	53.3	53.7	107	107	80-121	1	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	110	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130			
4-Bromofluorobenzene (S)	%						107	102	70-130			

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

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						108	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 400946
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

METHOD BLANK: 2315536 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/09/21 08:41	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/09/21 08:41	
Acenaphthene	ug/L	<0.014	0.050	11/09/21 08:41	
Acenaphthylene	ug/L	<0.013	0.050	11/09/21 08:41	
Anthracene	ug/L	<0.018	0.050	11/09/21 08:41	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/09/21 08:41	
Benzo(a)pyrene	ug/L	<0.020	0.050	11/09/21 08:41	
Benzo(b)fluoranthene	ug/L	<0.020	0.050	11/09/21 08:41	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/09/21 08:41	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/09/21 08:41	
Chrysene	ug/L	<0.027	0.050	11/09/21 08:41	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/09/21 08:41	
Fluoranthene	ug/L	<0.026	0.050	11/09/21 08:41	
Fluorene	ug/L	<0.024	0.050	11/09/21 08:41	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/09/21 08:41	
Naphthalene	ug/L	<0.020	0.050	11/09/21 08:41	
Phenanthrene	ug/L	<0.026	0.050	11/09/21 08:41	
Pyrene	ug/L	<0.023	0.050	11/09/21 08:41	
2-Fluorobiphenyl (S)	%	73	10-113	11/09/21 08:41	
Terphenyl-d14 (S)	%	70	28-124	11/09/21 08:41	

LABORATORY CONTROL SAMPLE & LCSD: 2315537 2315538

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	1.6	76	81	71-120	6	20	
2-Methylnaphthalene	ug/L	2	1.5	1.6	75	78	68-120	4	20	
Acenaphthene	ug/L	2	1.6	1.7	81	84	71-120	4	20	
Acenaphthylene	ug/L	2	1.6	1.7	82	86	68-120	5	20	
Anthracene	ug/L	2	1.7	1.8	83	88	51-99	6	20	
Benzo(a)anthracene	ug/L	2	1.5	1.6	75	78	52-92	4	20	
Benzo(a)pyrene	ug/L	2	1.7	1.8	83	92	61-105	10	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.6	74	78	57-102	5	20	
Benzo(g,h,i)perylene	ug/L	2	1.7	1.8	85	90	62-120	6	20	
Benzo(k)fluoranthene	ug/L	2	1.8	2.0	92	100	70-122	8	20	
Chrysene	ug/L	2	1.9	2.1	95	104	71-122	8	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.8	80	88	41-101	10	20	
Fluoranthene	ug/L	2	1.8	1.9	92	97	67-116	5	20	
Fluorene	ug/L	2	1.6	1.7	82	86	71-120	4	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	84	88	59-120	5	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

LABORATORY CONTROL SAMPLE & LCSD: 2315537 2315538

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.6	1.7	80	83	71-120	4	20	
Phenanthrene	ug/L	2	1.5	1.7	77	83	60-102	7	20	
Pyrene	ug/L	2	1.6	1.6	79	82	72-120	4	20	
2-Fluorobiphenyl (S)	%				70	74	10-113			
Terphenyl-d14 (S)	%				68	71	28-124			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 401611 | 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: 40236296001, 40236296002, 40236296003

METHOD BLANK: 2319946 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/18/21 11:55	

LABORATORY CONTROL SAMPLE: 2319947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2319948 2319949

Parameter	Units	40236294003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	161	100	100	257	256	96	95	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2319950 2319951

Parameter	Units	40236296001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	298	400	400	715	707	104	102	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 402227
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236296004

METHOD BLANK: 2322987 Matrix: Water
Associated Lab Samples: 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	0.52J	2.0	11/18/21 20:49	

LABORATORY CONTROL SAMPLE: 2322988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.9	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990

Parameter	Units	40236296004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	312J	10000	10000	11000	10900	107	106	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322991 2322992

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	39.0	100	100	146	145	107	106	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

QC Batch: 401868 — 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: 40236296001, 40236296002, 40236296003, 40236296004

METHOD BLANK: 2320786 Matrix: Water
Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/21 13:05	

LABORATORY CONTROL SAMPLE: 2320787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320788 2320789

Parameter	Units	40236294011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.4	2.4	95	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320790 2320791

Parameter	Units	40236297002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.2	2.2	86	87	90-110	1	20	M0

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

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.

BATCH QUALIFIERS

Batch: 401016

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
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.

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236296

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40236296001	**110221016**	EPA 8015B Modified	401260		
40236296002	**110221017**	EPA 8015B Modified	401260		
40236296003	**110221018**	EPA 8015B Modified	401260		
40236296004	**110221019**	EPA 8015B Modified	401260		
40236296001	**110221016**	EPA 3010A	400925	EPA 6020B	401032
40236296002	**110221017**	EPA 3010A	400925	EPA 6020B	401032
40236296003	**110221018**	EPA 3010A	400925	EPA 6020B	401032
40236296004	**110221019**	EPA 3010A	400925	EPA 6020B	401032
40236296001	**110221016**	EPA 7470	401563	EPA 7470	401597
40236296002	**110221017**	EPA 7470	401563	EPA 7470	401597
40236296003	**110221018**	EPA 7470	401563	EPA 7470	401597
40236296004	**110221019**	EPA 7470	401563	EPA 7470	401597
40236296001	**110221016**	EPA 3510	400946	EPA 8270E by SIM	401016
40236296002	**110221017**	EPA 3510	400946	EPA 8270E by SIM	401016
40236296003	**110221018**	EPA 3510	400946	EPA 8270E by SIM	401016
40236296004	**110221019**	EPA 3510	400946	EPA 8270E by SIM	401016
40236296001	**110221016**	EPA 8260	400684		
40236296002	**110221017**	EPA 8260	400687		
40236296003	**110221018**	EPA 8260	400687		
40236296004	**110221019**	EPA 8260	400687		
40236296001	**110221016**	EPA 300.0	401611		
40236296002	**110221017**	EPA 300.0	401611		
40236296003	**110221018**	EPA 300.0	401611		
40236296004	**110221019**	EPA 300.0	402227		
40236296001	**110221016**	EPA 353.2	401868		
40236296002	**110221017**	EPA 353.2	401868		
40236296003	**110221018**	EPA 353.2	401868		
40236296004	**110221019**	EPA 353.2	401868		

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

QC: DW

COC #: 01253-1121-001

40236296

Page: 2 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	O'Brien & Gere	Report To:	GDSdata@OBG.com	Attention:	Accounts Payable
Address:	234 W. Florida St	Copy To:	Staci Goetz	Company Name:	WEC Business Services, LLC
	Milwaukee, WI			Address:	PO Box 19800, Green Bay, WI 54307
Email To:	GDSdata@OBG.com	Purchase Order No.:		Pace Quote Reference:	
Phone:	414-335-3563 Fax:	Project Name:	Green Bay Former MGP	Pace Project Manager:	
Requested Due Date/TAT:	standard	Project Number:	1940101253	Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BTEX (8260)	1,2,4- Trimethylbenzene**	1,3,5- Trimethylbenzene**	PAHs (8270) HVI	Metals (6020)*	NO2+NO3 (353.2)	Sulfate (300.0)	Methane (8015B)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
										Requested Analysis Filtered (Y/N)									N	N	N	N	Y	N	N			
1	110221013	WT	G			11/01/21	11:09		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
2	110221014	WT	G				11:04		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
3	110221015	WT	G				11:59		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
4	110221016	WT	G				13:01		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1) 001
5	110221017	WT	G				13:36		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1) 002
6	110221018	WT	G				14:05		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1) 003
7	110221019	WT	G				15:00		11	X	X	X	X						X	V	X	X	X	X	X	X	N	(1) 004
8	110221020	WT	G				15:55		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
9	110221021	WT	G				16:44		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
10	110221022	WT	G			↓	17:15		6	X		X	X						X	X	X	X	X				N	(1)
11	110321023	WT	G			11/03/21	07:36		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)
12	110321024	WT	G			↓	08:32		11	X	X	X	X						X	X	X	X	X	X	X	X	N	(1)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
A Level 2	EC / Ram 60 11	11/03/21	10:15	Christopher Hyka / PACE	11/03/21	1015
etals- As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Fe, Mn						
,2,4- Trimethylbenzene (8260)						
,3,5- Trimethylbenzene (8260)						

SAMPLE CONDITIONS			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
2.1 3.1 4.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: 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.

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: OBG Project # 40236296

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A Initial when completed: DK Date/ Time:

Lab Lot# of pH paper: 100104 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 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					12	2				1		1	1				6											✓			✓		2.5 / 5 / 10
002					12	2				1		1	1				6											✓			✓		2.5 / 5 / 10
003					12	2				1		1	1				6											✓			✓		2.5 / 5 / 10
004					12	2				1		1	1				6											✓			✓		2.5 / 5 / 10
005					11/23/24	SAK																										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																							CA 11/3/24									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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 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)

Project #:

Client Name: DBG

WO# : 40236296

40236296

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #: Master 5092 4917 4686

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 - 116 **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3.3,3.4 /Corr: 2.1,3.1,4.1

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

Person examining contents:

Date: 11/3/24 /Initials: JAD

Labeled By Initials: SRK

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:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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:

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

Wisconsin Public Service Corporation
700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001
www.wisconsinpublicservice.com

February 2, 2022

Mr. Steven M. Grenier, P.E.
City of Green Bay
100 North Jefferson Street
Green Bay, WI, 54301

RE: Recent Sampling Results
Wisconsin Public Service Corporation – Former Green Bay Manufactured Gas Plant (MGP)
700 North Adams Street, BRRTS# 0205000254

Dear Mr. Grenier,

WEC Business Services (WBS), managing the Wisconsin Public Service Corporation (WPSC) former manufactured gas plant site at 700 North Adams Street is providing results of groundwater samples collected as part of routine monitoring (MW-407, MW-417, MW-418) collected in November of 2021, as part of site characterization. Wisconsin Administrative Code Chapter NR716.14 requires responsible parties (WPSC for the above-mentioned site) to report sampling results to the property owner, and occupant, as applicable.

Results of the sampling are summarized in the attached documents. This includes summary tables of the results compared to State standards. Copies of the relevant portions of the associated laboratory reports and a figure showing the locations of samples collected on your property are also included. The results will be presented in a future Remedial Investigation Report.

We appreciate your cooperation with environmental sampling activities on your property. If you need additional information, please contact Sarah Krueger from the WDNR at 920-662-5443 or myself at 414-221-2156.

Sincerely,

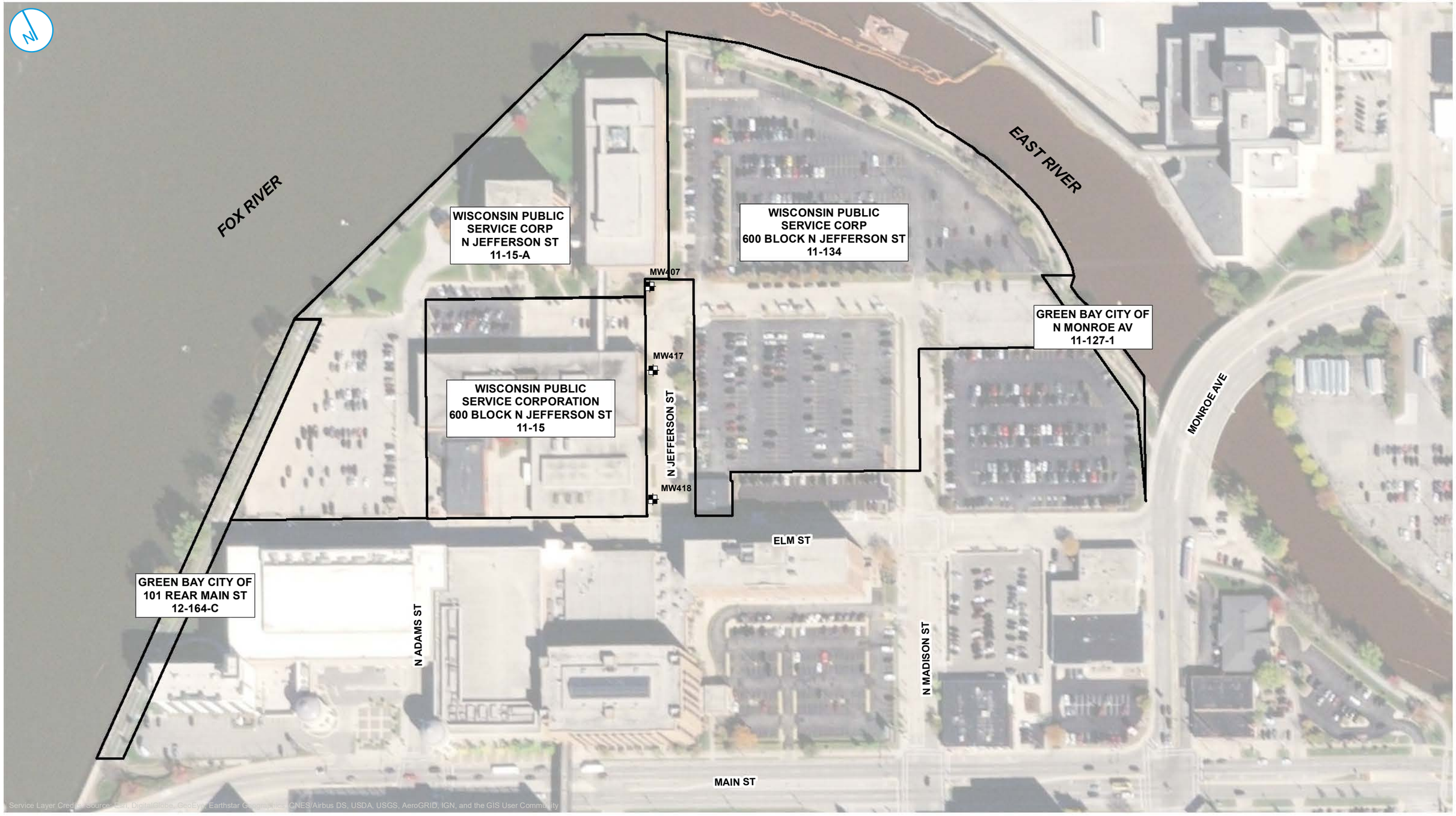
Frank Dombrowski
Principal Environmental Consultant
WEC Business Services - Environmental Dept.

Enc: Figure 1. City of Green Bay
Table 1. November 2021 Groundwater Analytical Results for City of Green Bay
Laboratory Data Reports – 40236297_frc

cc: Project file
USEPA RPM – Leah Werner (via email)
WDNR PM – Sarah Krueger (via US Mail and email)
WDNR Northeast Region (via email to DNRRRNER@wisconsin.gov)
Ms. Staci Goetz, Ramboll (via email)
WPSC – Bob Laskowski (via email)

FIGURES

Y:\GIS\Projects\151\584\MXD\WEC Adjacent Prop Data Maps\202005\Figure 1_Third_Party.mxd



PROJECT: 70712 | DATED: 7/23/2020 | DESIGNER: STOLZSD

MONITORING WELL LOCATION

PROPERTY LINE

0 75 150 Feet

CITY OF GREEN BAY

BRRTS# 02-05-000254

FORMER GREEN BAY MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
GREEN BAY, WISCONSIN

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

TABLES

Table 1. November 2021 Groundwater Analytical Results for the City of Green Bay

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

			PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
9-digit Code	Sample Location	Sample Date	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total [1]	Benzene	Ethylbenzene	Toluene	Xylene, o	Xylenes, m + p	Xylenes, Total	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo[g,h,i]perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
	Reporting Units:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
	WI Groundwater ES:		**NS**	**NS**	**480**	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**NS**	**NS**	**3,000**	**NS**	**0.2**	**0.2**	**NS**	**NS**	**0.2**	**NS**	**400**	**400**	**NS**	**100**	**NS**	**250**
	WI Groundwater PAL:		NS	NS	96	0.5	140	160	NS	NS	400	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
110121001	MW-418	11/01/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.028 J	0.032 J	0.013 U	0.012 U	0.017 U	0.013 U	0.018 U	0.018 U	0.022 U	0.021 U	0.025 * U	0.017 U	0.024 U	0.022 U	0.014 U	0.042 J	0.024 U	0.021 U
110121002	MW-417	11/01/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.025 J	0.022 J	0.013 U	0.012 U	0.018 U	0.013 U	0.019 U	0.018 U	0.022 U	0.021 U	0.025 * U	0.017 U	0.025 U	0.022 U	0.015 U	0.040 J	0.024 U	0.021 U
110121003	MW-407	11/01/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.012 U	0.026 J	0.013 U	0.019 U	0.019 U	0.022 U	0.022 U	0.026 * U	0.017 U	0.025 U	0.023 U	0.015 U	0.025 J	0.025 U	0.022 U

Sorted by 9-digit Code
Bold attains or exceeds the WI Groundwater ES
Underline attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
J = Estimated Concentration
U = Concentration was not detected above the reported limit

Acronyms:
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System (Wisconsin Department of Natural Resources (WDNR)
ES = Enforcement Standard
NO2 + NO3 = nitrite plus nitrate
NS = No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
USEPA = United States Environmental Protection Agency
VOC = Volatile Organic Compound
WI = Wisconsin

Superscripts:
1. Total Trimethylbenzenes 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 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

Table 1. November 2021 Groundwater Analytical Results for the City of Green Bay

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

			Metal		Metal		Metal		Metal		Metal		Metal		Metal		Inorganic		Inorganic		Inorganic		Organic		Field		Field		Field		Field		Field		Field	
9-digit Code	Sample Location	Sample Date	Arsenic, Dissolved		Barium, Dissolved		Cadmium, Dissolved		Chromium, Dissolved		Iron, Dissolved		Lead, Dissolved		Manganese, Dissolved		Mercury, Dissolved		Selenium, Dissolved		Silver, Dissolved		Chloride, Total		Nitrogen, NO2 + NO3, Total		Sulfate, Total		Methane		Dissolved oxygen		Groundwater, depth to		Oxidation Reduction Potential		pH, Field		Specific Conductance, Field		Temperature, Water		Turbidity, Quantitative	
		Reporting Units:	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		mg/L		feet		millivolts		s.u.		µS/cm		Deg C		NTUs	
			Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
		WI Groundwater ES:	**10**		**2,000**		**5**		**100**		**300**		**15**		**300**		**2**		**50**		**50**		**250,000**		**10,000**		**250,000**		**NS**		**NS**		**NS**		**NS**		**NS**		**NS**		**NS**		**NS**	
		WI Groundwater PAL:	1		400		0.5		10		150		1.5		60		0.2		10		10		125,000		2,000		125,000		NS		NS		NS		NS		NS		NS		NS		NS	
110121001	MW-418	11/01/2021	0.56	U	291		0.30	U	2.0	U	116	U	0.47	U	**779**		0.066	U	2.6		0.25	U	--		1,400		81,800		1.3	J	0.32		6.33		57.9		6.81		5407.7		16.00		0.00	
110121002	MW-417	11/01/2021	2.2		473		0.30	U	2.0	U	**9,980**		0.47	U	**751**		0.066	U	0.63	U	0.25	U	--		59	U	3,300	J	608		0.22		5.41		-167.0		6.85		10,854		16.56		17.30	
110121003	MW-407	11/01/2021	2.6		216		0.30	U	2.0	U	**6,920**		0.47	U	**391**		0.066	U	0.63	U	0.25	U	**795,000**		78	J	39,000		771		0.20		4.11		-179.0		7.08		3700.6		14.31		0.00	

[O:CMD 12/22/21,C:ECB 1/10/22]

Sorted by 9-digit Code

Bold	attains or exceeds the WI Groundwater ES
Underline	attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
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Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

LABORATORY REPORTS

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

November 24, 2021

Staci Goetz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2021. 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,

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

Enclosures

cc: Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, O'Brien & Gere Engineers, Inc Integrys WI
Steve Wiskes, Ramboll

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

CERTIFICATIONS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

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

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40236297001	**110121001**	Water	11/01/21 12:43	11/03/21 10:15
40236297002	**110121002**	Water	11/01/21 13:25	11/03/21 10:15
40236297003	**110121003**	Water	11/01/21 14:28	11/03/21 10:15

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

SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40236297001	**110121001**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236297002	**110121002**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236297003	**110121003**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	2
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 401260

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236297003

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

- MSD (Lab ID: 2316823)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 6020B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 400804

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110121001 (Lab ID: 40236297001)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
- 110121002 (Lab ID: 40236297002)
  - Silver, Dissolved
  - Cadmium, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

Analyte Comments:

QC Batch: 400804

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110121002 (Lab ID: 40236297002)
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 110121003 (Lab ID: 40236297003)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 7470 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 400805

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

- LCS (Lab ID: 2314459)
  - 1-Methylnaphthalene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 300.0 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 402227

B: Analyte was detected in the associated method blank.

- BLANK for HBN 402227 [WETA/661 (Lab ID: 2322987)
  - Sulfate

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 402227

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236296004,40236297003

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

- MS (Lab ID: 2322989)
  - Chloride

Additional Comments:

Analyte Comments:

QC Batch: 402227

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110121002 (Lab ID: 40236297002)
  - Sulfate

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 24, 2021

General Information:
3 samples were analyzed for EPA 353.2 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 401868

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236294011,40236297002

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

- MS (Lab ID: 2320790)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 2320791)
  - Nitrogen, NO2 plus NO3

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Sample: 110121001 **Lab ID: 40236297001** Collected: 11/01/21 12:43 Received: 11/03/21 10:15 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	**1.3J**	ug/L	2.8	0.58	1		11/10/21 11:02	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	11/05/21 07:57	11/18/21 13:34	7440-38-2	D3
Barium, Dissolved	**291**	ug/L	4.7	1.4	2	11/05/21 07:57	11/18/21 13:34	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	11/05/21 07:57	11/18/21 13:34	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	11/05/21 07:57	11/18/21 13:34	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	11/05/21 07:57	11/18/21 13:34	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	11/05/21 07:57	11/18/21 13:34	7439-92-1	D3
Manganese, Dissolved	**779**	ug/L	8.1	2.4	2	11/05/21 07:57	11/18/21 13:34	7439-96-5	
Selenium, Dissolved	**2.6**	ug/L	2.1	0.63	2	11/05/21 07:57	11/18/21 13:34	7782-49-2	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	11/05/21 07:57	11/18/21 13:34	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:45	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:11	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.047	0.012	1	11/05/21 08:35	11/09/21 14:11	208-96-8	
Anthracene	**<0.017**	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:11	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:11	56-55-3	
Benzo(a)pyrene	**<0.018**	ug/L	0.047	0.018	1	11/05/21 08:35	11/09/21 14:11	50-32-8	
Benzo(b)fluoranthene	**<0.018**	ug/L	0.047	0.018	1	11/05/21 08:35	11/09/21 14:11	205-99-2	
Benzo(g,h,i)perylene	**<0.022**	ug/L	0.047	0.022	1	11/05/21 08:35	11/09/21 14:11	191-24-2	
Benzo(k)fluoranthene	**<0.021**	ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:11	207-08-9	
Chrysene	**<0.025**	ug/L	0.047	0.025	1	11/05/21 08:35	11/09/21 14:11	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:11	53-70-3	
Fluoranthene	**<0.024**	ug/L	0.047	0.024	1	11/05/21 08:35	11/09/21 14:11	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/05/21 08:35	11/09/21 14:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.014**	ug/L	0.047	0.014	1	11/05/21 08:35	11/09/21 14:11	193-39-5	
1-Methylnaphthalene	**0.028J**	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:11	90-12-0	L2
2-Methylnaphthalene	**0.032J**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:11	91-57-6	
Naphthalene	**0.042J**	ug/L	0.047	0.019	1	11/05/21 08:35	11/09/21 14:11	91-20-3	
Phenanthrene	**<0.024**	ug/L	0.047	0.024	1	11/05/21 08:35	11/09/21 14:11	85-01-8	
Pyrene	**<0.021**	ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	10-113		1	11/05/21 08:35	11/09/21 14:11	321-60-8	
Terphenyl-d14 (S)	73	%	28-124		1	11/05/21 08:35	11/09/21 14:11	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 10:53	71-43-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Sample: 110121001 **Lab ID: 40236297001** Collected: 11/01/21 12:43 Received: 11/03/21 10:15 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								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 10:53	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 10:53	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 10:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 10:53	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 10:53	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 10:53	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 10:53	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		11/05/21 10:53	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/05/21 10:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 10:53	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**81.8**	mg/L	10.0	2.2	5		11/22/21 12:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.4**	mg/L	0.25	0.059	1		11/16/21 13:23		

Sample: 110121002 **Lab ID: 40236297002** Collected: 11/01/21 13:25 Received: 11/03/21 10:15 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	**608**	ug/L	14.0	2.9	5		11/10/21 12:54	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.2**	ug/L	2.0	0.56	2	11/05/21 07:57	11/18/21 13:49	7440-38-2	
Barium, Dissolved	**473**	ug/L	4.7	1.4	2	11/05/21 07:57	11/18/21 13:49	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	11/05/21 07:57	11/18/21 13:49	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	11/05/21 07:57	11/18/21 13:49	7440-47-3	D3
Iron, Dissolved	**9980**	ug/L	500	116	2	11/05/21 07:57	11/18/21 13:49	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	11/05/21 07:57	11/18/21 13:49	7439-92-1	D3
Manganese, Dissolved	**751**	ug/L	8.1	2.4	2	11/05/21 07:57	11/18/21 13:49	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	11/05/21 07:57	11/18/21 13:49	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	11/05/21 07:57	11/18/21 13:49	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:48	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Sample: 110121002 **Lab ID: 40236297002** Collected: 11/01/21 13:25 Received: 11/03/21 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.047	0.012	1	11/05/21 08:35	11/09/21 14:30	208-96-8	
Anthracene	**<0.018**	ug/L	0.047	0.018	1	11/05/21 08:35	11/09/21 14:30	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30	56-55-3	
Benzo(a)pyrene	**<0.019**	ug/L	0.047	0.019	1	11/05/21 08:35	11/09/21 14:30	50-32-8	
Benzo(b)fluoranthene	**<0.018**	ug/L	0.047	0.018	1	11/05/21 08:35	11/09/21 14:30	205-99-2	
Benzo(g,h,i)perylene	**<0.022**	ug/L	0.047	0.022	1	11/05/21 08:35	11/09/21 14:30	191-24-2	
Benzo(k)fluoranthene	**<0.021**	ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:30	207-08-9	
Chrysene	**<0.025**	ug/L	0.047	0.025	1	11/05/21 08:35	11/09/21 14:30	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:30	53-70-3	
Fluoranthene	**<0.025**	ug/L	0.047	0.025	1	11/05/21 08:35	11/09/21 14:30	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/05/21 08:35	11/09/21 14:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.047	0.015	1	11/05/21 08:35	11/09/21 14:30	193-39-5	
1-Methylnaphthalene	**0.025J**	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:30	90-12-0	L2
2-Methylnaphthalene	**0.022J**	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30	91-57-6	
Naphthalene	**0.040J**	ug/L	0.047	0.019	1	11/05/21 08:35	11/09/21 14:30	91-20-3	
Phenanthrene	**<0.024**	ug/L	0.047	0.024	1	11/05/21 08:35	11/09/21 14:30	85-01-8	
Pyrene	**<0.021**	ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	72	%	10-113		1	11/05/21 08:35	11/09/21 14:30	321-60-8	
Terphenyl-d14 (S)	75	%	28-124		1	11/05/21 08:35	11/09/21 14:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 11:11	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 11:11	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 11:11	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 11:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 11:11	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 11:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 11:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 11:11	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		11/05/21 11:11	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/05/21 11:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/05/21 11:11	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**3.3J**	mg/L	10.0	2.2	5		11/19/21 00:00	14808-79-8	B,D3
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		11/16/21 13:24		M0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Sample: 110121003 **Lab ID: 40236297003** Collected: 11/01/21 14:28 Received: 11/03/21 10:15 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	**771**	ug/L	28.0	5.8	10		11/10/21 13:01	74-82-8	M1
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.6**	ug/L	2.0	0.56	2	11/05/21 07:57	11/18/21 13:05	7440-38-2	
Barium, Dissolved	**216**	ug/L	4.7	1.4	2	11/05/21 07:57	11/18/21 13:05	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	11/05/21 07:57	11/18/21 13:05	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	11/05/21 07:57	11/18/21 13:05	7440-47-3	D3
Iron, Dissolved	**6920**	ug/L	500	116	2	11/05/21 07:57	11/18/21 13:05	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	11/05/21 07:57	11/18/21 13:05	7439-92-1	D3
Manganese, Dissolved	**391**	ug/L	8.1	2.4	2	11/05/21 07:57	11/18/21 13:05	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	11/05/21 07:57	11/18/21 13:05	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	11/05/21 07:57	11/18/21 13:05	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:10	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.048	0.013	1	11/05/21 08:35	11/10/21 10:52	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.048	0.012	1	11/05/21 08:35	11/10/21 10:52	208-96-8	
Anthracene	**0.026J**	ug/L	0.048	0.018	1	11/05/21 08:35	11/10/21 10:52	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.048	0.013	1	11/05/21 08:35	11/10/21 10:52	56-55-3	
Benzo(a)pyrene	**<0.019**	ug/L	0.048	0.019	1	11/05/21 08:35	11/10/21 10:52	50-32-8	
Benzo(b)fluoranthene	**<0.019**	ug/L	0.048	0.019	1	11/05/21 08:35	11/10/21 10:52	205-99-2	
Benzo(g,h,i)perylene	**<0.022**	ug/L	0.048	0.022	1	11/05/21 08:35	11/10/21 10:52	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.048	0.022	1	11/05/21 08:35	11/10/21 10:52	207-08-9	
Chrysene	**<0.026**	ug/L	0.048	0.026	1	11/05/21 08:35	11/10/21 10:52	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.048	0.017	1	11/05/21 08:35	11/10/21 10:52	53-70-3	
Fluoranthene	**<0.025**	ug/L	0.048	0.025	1	11/05/21 08:35	11/10/21 10:52	206-44-0	
Fluorene	**<0.023**	ug/L	0.048	0.023	1	11/05/21 08:35	11/10/21 10:52	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.048	0.015	1	11/05/21 08:35	11/10/21 10:52	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.048	0.017	1	11/05/21 08:35	11/10/21 10:52	90-12-0	L2
2-Methylnaphthalene	**<0.013**	ug/L	0.048	0.013	1	11/05/21 08:35	11/10/21 10:52	91-57-6	
Naphthalene	**0.025J**	ug/L	0.048	0.019	1	11/05/21 08:35	11/10/21 10:52	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.048	0.025	1	11/05/21 08:35	11/10/21 10:52	85-01-8	
Pyrene	**<0.022**	ug/L	0.048	0.022	1	11/05/21 08:35	11/10/21 10:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	10-113		1	11/05/21 08:35	11/10/21 10:52	321-60-8	
Terphenyl-d14 (S)	72	%	28-124		1	11/05/21 08:35	11/10/21 10:52	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 09:39	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Sample: 110121003 **Lab ID: 40236297003** Collected: 11/01/21 14:28 Received: 11/03/21 10:15 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								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 09:39	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 09:39	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 09:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 09:39	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 09:39	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 09:39	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 09:39	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		11/05/21 09:39	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/21 09:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 09:39	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**795**	mg/L	100	21.6	50		11/19/21 18:14	16887-00-6	
Sulfate	**39.0**	mg/L	10.0	2.2	5		11/19/21 00:15	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.078J**	mg/L	0.25	0.059	1		11/16/21 13:27		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 401260
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2316819 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/10/21 08:47	

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	29.4	29.2	103	102	80-121	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	771	286	286	1340	1430	199	229	10-200	6	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 401563
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2318496 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	11/15/21 11:05	

LABORATORY CONTROL SAMPLE: 2318497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.1	5.3	101	106	85-115	5	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 400804
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2314454 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	11/18/21 18:14	
Barium, Dissolved	ug/L	<0.70	2.3	11/18/21 18:14	
Cadmium, Dissolved	ug/L	<0.15	1.0	11/18/21 18:14	
Chromium, Dissolved	ug/L	<1.0	3.4	11/18/21 18:14	
Iron, Dissolved	ug/L	<58.0	250	11/18/21 18:14	
Lead, Dissolved	ug/L	<0.24	1.0	11/18/21 18:14	
Manganese, Dissolved	ug/L	<1.2	4.0	11/18/21 18:14	
Selenium, Dissolved	ug/L	<0.32	1.1	11/18/21 18:14	
Silver, Dissolved	ug/L	<0.13	0.50	11/18/21 18:14	

LABORATORY CONTROL SAMPLE: 2314455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	250	100	80-120	
Barium, Dissolved	ug/L	250	245	98	80-120	
Cadmium, Dissolved	ug/L	250	251	100	80-120	
Chromium, Dissolved	ug/L	250	239	96	80-120	
Iron, Dissolved	ug/L	10000	9680	97	80-120	
Lead, Dissolved	ug/L	250	240	96	80-120	
Manganese, Dissolved	ug/L	250	241	96	80-120	
Selenium, Dissolved	ug/L	250	264	106	80-120	
Silver, Dissolved	ug/L	125	123	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2314456 2314457

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	2.6	250	250	257	258	102	102	75-125	0	20	
Barium, Dissolved	ug/L	216	250	250	464	464	99	99	75-125	0	20	
Cadmium, Dissolved	ug/L	<0.30	250	250	246	243	98	97	75-125	1	20	
Chromium, Dissolved	ug/L	<2.0	250	250	241	239	96	95	75-125	1	20	
Iron, Dissolved	ug/L	6920	10000	10000	16600	16700	97	98	75-125	1	20	
Lead, Dissolved	ug/L	<0.47	250	250	235	235	94	94	75-125	0	20	
Manganese, Dissolved	ug/L	391	250	250	632	642	96	100	75-125	2	20	
Selenium, Dissolved	ug/L	<0.63	250	250	261	263	104	105	75-125	1	20	
Silver, Dissolved	ug/L	<0.25	125	125	117	116	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 400687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2313550 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/05/21 07:09	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/05/21 07:09	
Benzene	ug/L	<0.30	1.0	11/05/21 07:09	
Ethylbenzene	ug/L	<0.33	1.0	11/05/21 07:09	
m&p-Xylene	ug/L	<0.70	2.0	11/05/21 07:09	
o-Xylene	ug/L	<0.35	1.0	11/05/21 07:09	
Toluene	ug/L	<0.29	1.0	11/05/21 07:09	
Xylene (Total)	ug/L	<1.0	3.0	11/05/21 07:09	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	11/05/21 07:09	
4-Bromofluorobenzene (S)	%	100	70-130	11/05/21 07:09	
Toluene-d8 (S)	%	105	70-130	11/05/21 07:09	

LABORATORY CONTROL SAMPLE: 2313551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.7	103	70-132	
Ethylbenzene	ug/L	50	55.1	110	80-123	
m&p-Xylene	ug/L	100	111	111	70-130	
o-Xylene	ug/L	50	56.1	112	70-130	
Toluene	ug/L	50	54.2	108	80-121	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			109	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	52.0	52.4	104	105	70-132	1	20	
Ethylbenzene	ug/L	<0.33	50	50	54.3	54.5	109	109	80-123	0	20	
m&p-Xylene	ug/L	<0.70	100	100	108	109	108	109	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	55.1	54.9	110	110	70-130	0	20	
Toluene	ug/L	<0.29	50	50	53.3	53.7	107	107	80-121	1	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	110	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130			
4-Bromofluorobenzene (S)	%						107	102	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						108	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 400805
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2314458 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/09/21 08:05	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/09/21 08:05	
Acenaphthene	ug/L	<0.014	0.050	11/09/21 08:05	
Acenaphthylene	ug/L	<0.013	0.050	11/09/21 08:05	
Anthracene	ug/L	<0.018	0.050	11/09/21 08:05	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/09/21 08:05	
Benzo(a)pyrene	ug/L	<0.020	0.050	11/09/21 08:05	
Benzo(b)fluoranthene	ug/L	<0.020	0.050	11/09/21 08:05	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/09/21 08:05	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/09/21 08:05	
Chrysene	ug/L	<0.027	0.050	11/09/21 08:05	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/09/21 08:05	
Fluoranthene	ug/L	<0.026	0.050	11/09/21 08:05	
Fluorene	ug/L	<0.024	0.050	11/09/21 08:05	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/09/21 08:05	
Naphthalene	ug/L	<0.020	0.050	11/09/21 08:05	
Phenanthrene	ug/L	<0.026	0.050	11/09/21 08:05	
Pyrene	ug/L	<0.023	0.050	11/09/21 08:05	
2-Fluorobiphenyl (S)	%	63	10-113	11/09/21 08:05	
Terphenyl-d14 (S)	%	61	28-124	11/09/21 08:05	

LABORATORY CONTROL SAMPLE: 2314459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	70	71-120	L2
2-Methylnaphthalene	ug/L	2	1.4	69	68-120	
Acenaphthene	ug/L	2	1.5	74	71-120	
Acenaphthylene	ug/L	2	1.5	75	68-120	
Anthracene	ug/L	2	1.6	79	51-99	
Benzo(a)anthracene	ug/L	2	1.4	71	52-92	
Benzo(a)pyrene	ug/L	2	1.6	78	61-105	
Benzo(b)fluoranthene	ug/L	2	1.4	68	57-102	
Benzo(g,h,i)perylene	ug/L	2	1.5	77	62-120	
Benzo(k)fluoranthene	ug/L	2	1.7	86	70-122	
Chrysene	ug/L	2	1.7	85	71-122	
Dibenz(a,h)anthracene	ug/L	2	1.4	70	41-101	
Fluoranthene	ug/L	2	1.7	85	67-116	
Fluorene	ug/L	2	1.5	75	71-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.5	76	59-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

LABORATORY CONTROL SAMPLE: 2314459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.5	73	71-120	
Phenanthrene	ug/L	2	1.5	73	60-102	
Pyrene	ug/L	2	1.4	72	72-120	
2-Fluorobiphenyl (S)	%			66	10-113	
Terphenyl-d14 (S)	%			65	28-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2314460 2314461

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.017	1.8	1.9	1.3	1.3	73	71	71-120	2	20	
2-Methylnaphthalene	ug/L	<0.013	1.8	1.9	1.3	1.3	72	70	68-120	1	20	
Acenaphthene	ug/L	<0.013	1.8	1.9	1.4	1.4	76	74	71-120	2	20	
Acenaphthylene	ug/L	<0.012	1.8	1.9	1.4	1.4	79	76	68-120	2	20	
Anthracene	ug/L	0.026J	1.8	1.9	1.4	1.5	76	77	51-99	5	20	
Benzo(a)anthracene	ug/L	<0.013	1.8	1.9	1.4	1.6	77	82	52-92	11	20	
Benzo(a)pyrene	ug/L	<0.019	1.8	1.9	1.5	1.6	82	85	61-105	8	20	
Benzo(b)fluoranthene	ug/L	<0.019	1.8	1.9	1.4	1.5	75	77	57-102	8	20	
Benzo(g,h,i)perylene	ug/L	<0.022	1.8	1.9	1.5	1.7	84	88	62-120	10	20	
Benzo(k)fluoranthene	ug/L	<0.022	1.8	1.9	1.6	1.7	86	92	70-122	11	20	
Chrysene	ug/L	<0.026	1.8	1.9	1.6	1.7	87	91	71-122	10	20	
Dibenz(a,h)anthracene	ug/L	<0.017	1.8	1.9	1.5	1.7	86	90	41-101	9	20	
Fluoranthene	ug/L	<0.025	1.8	1.9	1.5	1.6	82	85	67-116	9	20	
Fluorene	ug/L	<0.023	1.8	1.9	1.4	1.4	77	76	71-120	3	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.015	1.8	1.9	1.5	1.7	83	87	59-120	9	20	
Naphthalene	ug/L	0.025J	1.8	1.9	1.4	1.4	74	72	71-120	2	20	
Phenanthrene	ug/L	<0.025	1.8	1.9	1.4	1.4	76	76	60-102	5	20	
Pyrene	ug/L	<0.022	1.8	1.9	1.5	1.7	83	88	72-120	10	20	
2-Fluorobiphenyl (S)	%						70	67	10-113			
Terphenyl-d14 (S)	%						73	76	28-124			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 402227
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297002, 40236297003

METHOD BLANK: 2322987 Matrix: Water
Associated Lab Samples: 40236297002, 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/19/21 14:13	
Sulfate	mg/L	0.52J	2.0	11/18/21 20:49	

LABORATORY CONTROL SAMPLE: 2322988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.1	91	90-110	
Sulfate	mg/L	20	20.9	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990

Parameter	Units	40236296004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3260	10000	10000	14400	14200	111	109	90-110	1	15	M0
Sulfate	mg/L	312J	10000	10000	11000	10900	107	106	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322991 2322992

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	795	1000	1000	1840	1830	104	104	90-110	0	15	
Sulfate	mg/L	39.0	100	100	146	145	107	106	90-110	0	15	

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

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 402378
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001

METHOD BLANK: 2324301 Matrix: Water
Associated Lab Samples: 40236297001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/22/21 10:55	

LABORATORY CONTROL SAMPLE: 2324302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2324303 2324304

Parameter	Units	40236297001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	81.8	100	100	185	184	103	102	90-110	1	15	

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

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 401868
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297001, 40236297002

METHOD BLANK: 2320786 Matrix: Water
Associated Lab Samples: 40236297001, 40236297002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/21 13:05	

LABORATORY CONTROL SAMPLE: 2320787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320788 2320789

Parameter	Units	40236294011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.4	2.4	95	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320790 2320791

Parameter	Units	40236297002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.2	2.2	86	87	90-110	1	20	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

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

QC Batch: 401869
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236297003

METHOD BLANK: 2320792 Matrix: Water
Associated Lab Samples: 40236297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/21 13:26	

LABORATORY CONTROL SAMPLE: 2320793

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320794 2320795

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.078J	2.5	2.5	2.3	2.4	90	92	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320796 2320797

Parameter	Units	40236793002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	2.0	2.5	2.5	4.6	4.7	105	108	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

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

QUALIFIERS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

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

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236297

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40236297001	**110121001**	EPA 8015B Modified	401260		
40236297002	**110121002**	EPA 8015B Modified	401260		
40236297003	**110121003**	EPA 8015B Modified	401260		
40236297001	**110121001**	EPA 3010A	400804	EPA 6020B	400872
40236297002	**110121002**	EPA 3010A	400804	EPA 6020B	400872
40236297003	**110121003**	EPA 3010A	400804	EPA 6020B	400872
40236297001	**110121001**	EPA 7470	401563	EPA 7470	401597
40236297002	**110121002**	EPA 7470	401563	EPA 7470	401597
40236297003	**110121003**	EPA 7470	401563	EPA 7470	401597
40236297001	**110121001**	EPA 3510	400805	EPA 8270E by SIM	400853
40236297002	**110121002**	EPA 3510	400805	EPA 8270E by SIM	400853
40236297003	**110121003**	EPA 3510	400805	EPA 8270E by SIM	400853
40236297001	**110121001**	EPA 8260	400687		
40236297002	**110121002**	EPA 8260	400687		
40236297003	**110121003**	EPA 8260	400687		
40236297001	**110121001**	EPA 300.0	402378		
40236297002	**110121002**	EPA 300.0	402227		
40236297003	**110121003**	EPA 300.0	402227		
40236297001	**110121001**	EPA 353.2	401868		
40236297002	**110121002**	EPA 353.2	401868		
40236297003	**110121003**	EPA 353.2	401869		

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

QC: [illegible]

COC#: 01253-1121-001

40236297

Page: 1 of 3

Section A Required Client Information:

Company:	O'Brien & Gere
Address:	234 W. Florida St
	Milwaukee, WI
Email To:	GDSdata@OBG.com
Phone:	414-335-3563
Fax:	
Requested Due Date/TAT:	standard

Section B Required Project Information:

Report To:	GDSdata@OBG.com
Copy To:	Staci Goetz
Purchase Order No.:	
Project Name:	Green Bay Former MGP
Project Number:	1940101253

Section C Invoice Information:

Attention:	Accounts Payable
Company Name:	WEC Business Services, LLC
Address:	PO Box 19800, Green Bay, WI 54307
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

- ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
- ☐ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: WI

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	BTEX (8260)	1,2,4- Trimethylbenzene**	1,3,5- Trimethylbenzene**	PAHs (8270) HVI	Metals (6020)*	NO2+NO3 (353.2)	Sulfate (300.0)	Methane (8015B)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	Requested Analysis Filtered (Y/N)																	Y/N	N	N	N	N	Y	N	N							
1	110121 001	WT	G			11/01/21	12:43		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(3) 001
2	110121 002	WT	G				13:25		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(3) 002
3	110121 003	WT	G	EGP			14:28		33	X	X	X	X						X	X	X	X	X	X	X	X					N	(3) MS/MSD 003
4	110121 004	WT	G	11/01			15:40		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
5	110121 005	WT	G				16:28		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
6	110121 006	WT	G				17:37		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
7	110121 007	WT	G				17:42		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
8	110121 008	WT	G				18:00		6	X		X	X						X	X	X	X	X								N	(1)
9	110221 009	WT	G			11/02/21	07:43		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
10	110221 010	WT	G				08:21		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
11	110221 011	WT	G				09:14		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)
12	110221 012	WT	G				10:09		11	X	X	X	X						X	X	X	X	X	X	X	X					N	(1)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
EPA Level 2	[signature] / Ramboll	11/03/21	10:15	[signature] PACE	11/03/21	1015	
Metals- As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Fe, Mn							
1,2,4- Trimethylbenzene (8260)							
1,3,5- Trimethylbenzene (8260)							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*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.

F-ALL-Q-020rev.08, 12-Oct-2007

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: DB6 Project #40236297

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

Initial when completed: DK Date/Time:

Lab Lot# of pH paper: 100104 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001			1	1	2	2				1		1	1				6											✓			✓		2.5 / 5 / 10
002			1	1	2	2				1		1	1				6											✓			✓		2.5 / 5 / 10
003					6	6				3		3	3				18											✓			✓		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																					CA		11/13/21										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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 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)

Project #:

WO# : 40236297

40236297

Client Name: DBG

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #: Master 5092 4917 4686

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 - 116 **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3.3,4 /Corr: 2.1,3.1,4.1

Person examining contents:

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Date: 11/3/21 /Initials: [illegible]

Labeled By Initials: [illegible]

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:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☒Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☒No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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:

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

Wisconsin Public Service Corporation
700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001
www.wisconsinpublicservice.com

February 2, 2022

Mr. Jeffery Weyers
Harbinger Development, LLC
111 North Washington Street, #400
Green Bay, WI, 54301

RE: Recent Sampling Results
Wisconsin Public Service Corporation – Former Green Bay Manufactured Gas Plant (MGP)
700 North Adams Street, BRRTS# 0205000254

Dear Mr. Weyers,

WEC Business Services (WBS), managing the Wisconsin Public Service Corporation (WPSC) former manufactured gas plant site at 700 North Adams Street is providing results of groundwater samples collected as part of routine monitoring (MW-401BR and MW-402R) collected in November of 2021, as part routine monitoring. Similar to other recent sampling events, no samples were collected from MW-401AR due to the presence of dense non-aqueous phase liquid (DNAPL). The presence of DNAPL in MW-401AR is not a recent occurrence, nor does it present a risk to people using the parking lot. Wisconsin Administrative Code Chapter NR716.14 requires responsible parties (WPSC for the above-mentioned site) to report sampling results to the property owner, and occupant, as applicable.

Results of the sampling are summarized in the attached documents. This includes summary tables of the results compared to State standards. Copies of the relevant portions of the associated laboratory reports and a figure showing the locations of samples collected on your property are also included. The results will be presented in a future Remedial Investigation Report.

We appreciate your cooperation with routine groundwater sampling activities on your property.

If you need additional information, please contact Sarah Krueger from the WDNR at 920-662-5443 or myself at 414-221-2156.

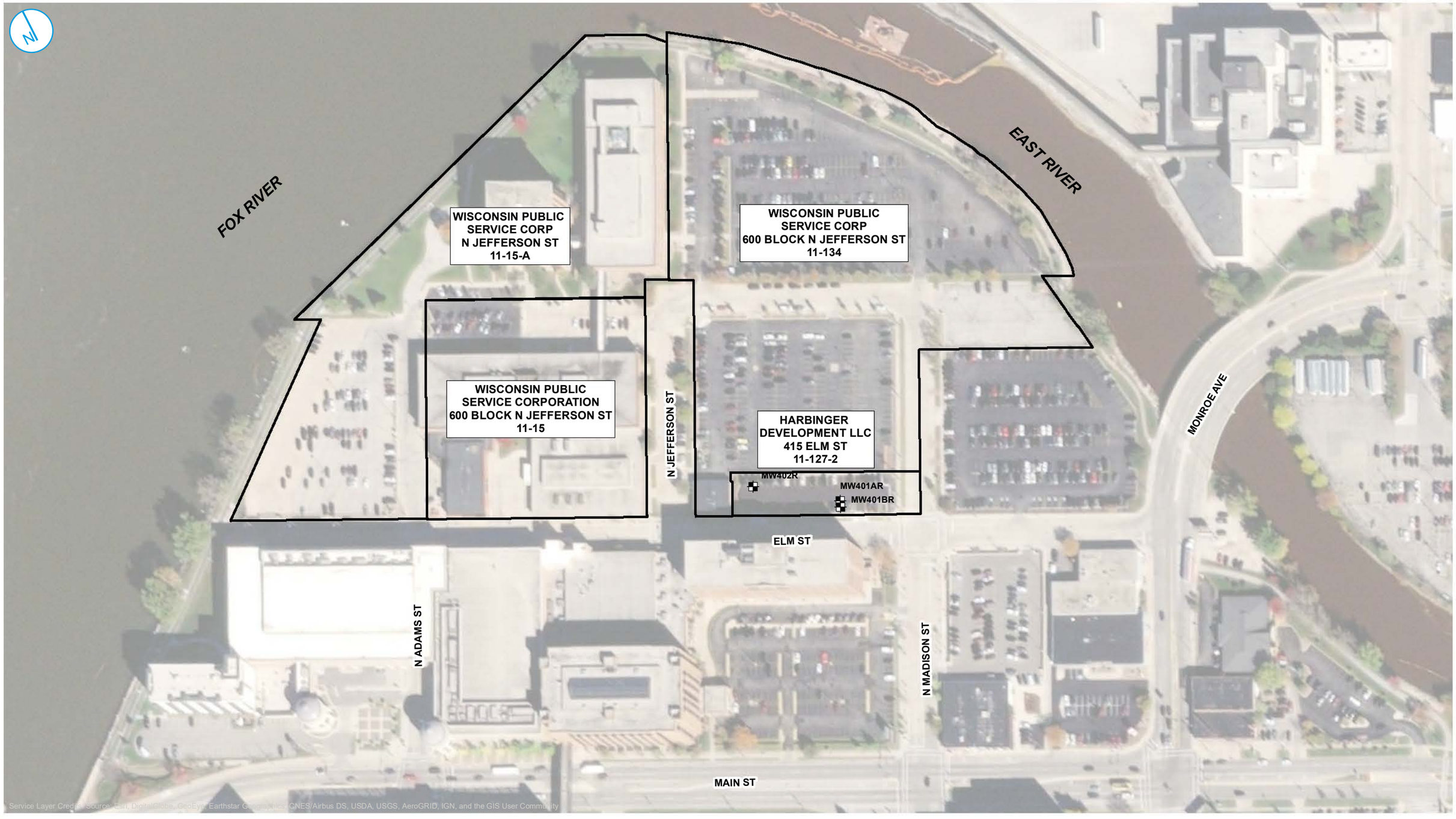
Sincerely,

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

Enc: Figure 1. Harbinger Development, LLC
Table 1. November 2021 Groundwater Analytical Results for Harbinger Development, LLC.
Laboratory Data Report – 40236298_frc

cc: USEPA RPM – Leah Werner (via email)
WDNR PM – Sarah Krueger (via US Mail and email)
WDNR Northeast Region (via email to DNRRRNER@wisconsin.gov)
Ms. Staci Goetz, Ramboll (via email)

FIGURES



MONITORING WELL LOCATION

PROPERTY LINE

0 75 150 Feet

HARBINGER DEVELOPMENT, LLC
BRRTS# 02-05-000254

FORMER GREEN BAY MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
GREEN BAY, WISCONSIN

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

TABLES

Table 1. November 2021 Groundwater Analytical Results for the Harbinger Development, LLC.

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

			PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
9-digit Code	Sample Location	Sample Date	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total [1]	Benzene	Ethylbenzene	Toluene	Xylene, o	Xylenes, m + p	Xylenes, Total	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Reporting Units:			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
WI Groundwater ES:			**NS**	**NS**	**480**	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**NS**	**NS**	**3,000**	**NS**	**0.2**	**0.2**	**NS**	**NS**	**0.2**	**NS**	**400**	**400**	**NS**	**100**	**NS**	**250**
WI Groundwater PAL:			NS	NS	96	0.5	140	160	NS	NS	400	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
110221020	MW-402R	11/02/2021	99.7	2.6 J	102.3	**759**	204	21.4	29.1	27.1	56.2	353	10.9	78.5	4.0	7.7	0.65 U	0.94 * U	0.93 * U	1.1 U	1.1 U	1.3 * U	0.85 U	3.8	60.6	0.74 U	**267**	56.3	3.7
110221021	MW-401BR	11/02/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.025 J	0.020 J	0.14	**0.25**	**0.34**	0.28	0.17	**0.31**	0.044 J	0.42	0.022 U	0.19	0.025 J	0.12	0.36

Sorted by 9-digit Code

Bold	attains or exceeds the WI Groundwater ES
Underline	attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
J = Estimated Concentration
U = Concentration was not detected above the reported limit

Acronyms:
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System (Wisconsin Department of Natural Resources (WDNR)
ES = Enforcement Standard
NO2 + NO3 = nitrite plus nitrate
NS = No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
USEPA = United States Environmental Protection Agency
VOC = Volatile Organic Compound
WI = Wisconsin

Superscripts:
1. Total Trimethylbenzenes 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 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

Table 1. November 2021 Groundwater Analytical Results for the Harbinger Development, LLC.

Decembere 2021 Third Party Notification
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field	Field
			Arsenic, Dissolved	Barium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Iron, Dissolved	Lead, Dissolved	Manganese, Dissolved	Mercury, Dissolved	Selenium, Dissolved	Silver, Dissolved	Chloride, Total	Nitrogen, NO2 + NO3, Total	Sulfate, Total	Methane	Dissolved oxygen	Groundwater, depth to	Oxidation Reduction Potential	pH, Field	Specific Conductance, Field	Temperature, Water	Turbidity, Quantitative
Reporting Units:			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	feet	millivolts	s.u.	µS/cm	Deg C	NTUs
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
WI Groundwater ES:			**10**	**2,000**	**5**	**100**	**300**	**15**	**300**	**2**	**50**	**50**	**250,000**	**10,000**	**250,000**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
WI Groundwater PAL:			1	400	0.5	10	150	1.5	60	0.2	10	10	125,000	2,000	125,000	NS	NS	NS	NS	NS	NS	NS	NS
110221020	MW-402R	11/02/2021	3.1 J	868	0.76 * U	5.1 U	**5,580**	1.2 U	**345**	0.066 U	1.6 U	0.64 U	--	59 U	23,500	436	0.17	4.29	-114.4	6.86	11109.5	16.96	1.10
110221021	MW-401BR	11/02/2021	0.94 J	57.3	0.30 U	2.0 U	116 U	0.47 U	299	0.066 U	0.63 U	0.25 U	--	1,100	**1,030,000**	11.5	0.19	10.08	-29.6	6.92	3779.2	13.21	1.79

[O:CMD 12/22/21,C:ECB 1/10/22]

Sorted by 9-digit Code

Bold	attains or exceeds the WI Groundwater ES
Underline	attains or exceeds the WI Groundwater PAL

Results & Flags:
* = Level of Detection (LOD) meets or exceeds the PAL and/or the ES Groundwater Criteria
J = Estimated Concentration
U = Concentration was not detected above the reported limit

Acronyms:
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ES = Enforcement Standard
NO2 + NO3 = nitrite plus nitrate
NS = No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
USEPA = United States Environmental Protection Agency
VOC = Volatile Organic Compound
WI = Wisconsin

Superscripts:
1. Total Trimethylbenzenes 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 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Screening Levels:
PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.

Result values/flags may differ from lab report values/flags due to changes applied in third party validation report
Lab comments, additional data qualifiers and definitions can be found in associated laboratory and validation reports

LABORATORY REPORTS

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

November 22, 2021

Staci Goetz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2021. 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,

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

Enclosures

cc: Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, O'Brien & Gere Engineers, Inc Integrys WI
Steve Wiskes, Ramboll

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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CERTIFICATIONS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

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

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40236298001	**110221020**	Water	11/02/21 15:55	11/03/21 10:15
40236298002	**110221021**	Water	11/02/21 16:44	11/03/21 10:15

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40236298001	**110221020**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40236298002	**110221021**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	LAP	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 401260

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40236297003

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

- MSD (Lab ID: 2316823)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 6020B by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 400925

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110221020 (Lab ID: 40236298001)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 110221021 (Lab ID: 40236298002)
  - Silver, Dissolved
  - Arsenic, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

Analyte Comments:

QC Batch: 400925

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- 110221021 (Lab ID: 40236298002)
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 7470 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 400946

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 300.0 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 402227

B: Analyte was detected in the associated method blank.

- BLANK for HBN 402227 [WETA/661 (Lab ID: 2322987)
  - Sulfate

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 22, 2021

General Information:
2 samples were analyzed for EPA 353.2 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Sample: 110221020 **Lab ID: 40236298001** Collected: 11/02/21 15:55 Received: 11/03/21 10:15 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	**436**	ug/L	11.2	2.3	4		11/10/21 13:07	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**3.1J**	ug/L	5.0	1.4	5	11/08/21 05:57	11/18/21 05:06	7440-38-2	D3
Barium, Dissolved	**868**	ug/L	11.6	3.5	5	11/08/21 05:57	11/18/21 05:06	7440-39-3	
Cadmium, Dissolved	**<0.76**	ug/L	5.0	0.76	5	11/08/21 05:57	11/18/21 05:06	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	11/08/21 05:57	11/18/21 05:06	7440-47-3	D3
Iron, Dissolved	**5580**	ug/L	1250	290	5	11/08/21 05:57	11/18/21 05:06	7439-89-6	
Lead, Dissolved	**<1.2**	ug/L	5.0	1.2	5	11/08/21 05:57	11/18/21 05:06	7439-92-1	D3
Manganese, Dissolved	**345**	ug/L	20.2	6.1	5	11/08/21 05:57	11/18/21 05:06	7439-96-5	
Selenium, Dissolved	**<1.6**	ug/L	5.3	1.6	5	11/08/21 05:57	11/18/21 05:06	7782-49-2	D3
Silver, Dissolved	**<0.64**	ug/L	2.5	0.64	5	11/08/21 05:57	11/18/21 05:06	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 12:02	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**78.5**	ug/L	2.4	0.67	50	11/08/21 08:35	11/10/21 13:57	83-32-9	
Acenaphthylene	**4.0**	ug/L	2.4	0.60	50	11/08/21 08:35	11/10/21 13:57	208-96-8	
Anthracene	**7.7**	ug/L	2.4	0.89	50	11/08/21 08:35	11/10/21 13:57	120-12-7	
Benzo(a)anthracene	**<0.65**	ug/L	2.4	0.65	50	11/08/21 08:35	11/10/21 13:57	56-55-3	
Benzo(a)pyrene	**<0.94**	ug/L	2.4	0.94	50	11/08/21 08:35	11/10/21 13:57	50-32-8	
Benzo(b)fluoranthene	**<0.93**	ug/L	2.4	0.93	50	11/08/21 08:35	11/10/21 13:57	205-99-2	
Benzo(g,h,i)perylene	**<1.1**	ug/L	2.4	1.1	50	11/08/21 08:35	11/10/21 13:57	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	2.4	1.1	50	11/08/21 08:35	11/10/21 13:57	207-08-9	
Chrysene	**<1.3**	ug/L	2.4	1.3	50	11/08/21 08:35	11/10/21 13:57	218-01-9	
Dibenz(a,h)anthracene	**<0.85**	ug/L	2.4	0.85	50	11/08/21 08:35	11/10/21 13:57	53-70-3	
Fluoranthene	**3.8**	ug/L	2.4	1.3	50	11/08/21 08:35	11/10/21 13:57	206-44-0	
Fluorene	**60.6**	ug/L	2.4	1.1	50	11/08/21 08:35	11/10/21 13:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.74**	ug/L	2.4	0.74	50	11/08/21 08:35	11/10/21 13:57	193-39-5	
1-Methylnaphthalene	**353**	ug/L	2.4	0.86	50	11/08/21 08:35	11/10/21 13:57	90-12-0	
2-Methylnaphthalene	**10.9**	ug/L	2.4	0.66	50	11/08/21 08:35	11/10/21 13:57	91-57-6	
Naphthalene	**267**	ug/L	2.4	0.95	50	11/08/21 08:35	11/10/21 13:57	91-20-3	
Phenanthrene	**56.3**	ug/L	2.4	1.2	50	11/08/21 08:35	11/10/21 13:57	85-01-8	
Pyrene	**3.7**	ug/L	2.4	1.1	50	11/08/21 08:35	11/10/21 13:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	10-113		50	11/08/21 08:35	11/10/21 13:57	321-60-8	
Terphenyl-d14 (S)	64	%	28-124		50	11/08/21 08:35	11/10/21 13:57	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**759**	ug/L	4.0	1.2	4		11/05/21 10:16	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Sample: 110221020 **Lab ID: 40236298001** Collected: 11/02/21 15:55 Received: 11/03/21 10:15 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								
Ethylbenzene	**204**	ug/L	4.0	1.3	4		11/05/21 10:16	100-41-4	
Toluene	**21.4**	ug/L	4.0	1.2	4		11/05/21 10:16	108-88-3	
1,2,4-Trimethylbenzene	**99.7**	ug/L	4.0	1.8	4		11/05/21 10:16	95-63-6	
1,3,5-Trimethylbenzene	**2.6J**	ug/L	4.0	1.4	4		11/05/21 10:16	108-67-8	
Xylene (Total)	**56.2**	ug/L	12.0	4.2	4		11/05/21 10:16	1330-20-7	
m&p-Xylene	**27.1**	ug/L	8.0	2.8	4		11/05/21 10:16	179601-23-1	
o-Xylene	**29.1**	ug/L	4.0	1.4	4		11/05/21 10:16	95-47-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		4		11/05/21 10:16	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		4		11/05/21 10:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		4		11/05/21 10:16	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**23.5**	mg/L	10.0	2.2	5		11/19/21 01:00	14808-79-8	B
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		11/16/21 13:31		

Sample: 110221021 **Lab ID: 40236298002** Collected: 11/02/21 16:44 Received: 11/03/21 10:15 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	**11.5**	ug/L	2.8	0.58	1		11/10/21 11:29	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.94J**	ug/L	2.0	0.56	2	11/08/21 05:57	11/18/21 05:13	7440-38-2	D3
Barium, Dissolved	**57.3**	ug/L	4.7	1.4	2	11/08/21 05:57	11/18/21 05:13	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	11/08/21 05:57	11/18/21 05:13	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	11/08/21 05:57	11/18/21 05:13	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	11/08/21 05:57	11/18/21 05:13	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	11/08/21 05:57	11/18/21 05:13	7439-92-1	D3
Manganese, Dissolved	**299**	ug/L	8.1	2.4	2	11/08/21 05:57	11/18/21 05:13	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	11/08/21 05:57	11/18/21 05:13	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	11/08/21 05:57	11/18/21 05:13	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 12:09	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Sample: 110221021 **Lab ID: 40236298002** Collected: 11/02/21 16:44 Received: 11/03/21 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/10/21 13:20	83-32-9	
Acenaphthylene	**0.025J**	ug/L	0.047	0.012	1	11/08/21 08:35	11/10/21 13:20	208-96-8	
Anthracene	**0.020J**	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20	120-12-7	
Benzo(a)anthracene	**0.14**	ug/L	0.047	0.013	1	11/08/21 08:35	11/10/21 13:20	56-55-3	
Benzo(a)pyrene	**0.25**	ug/L	0.047	0.018	1	11/08/21 08:35	11/10/21 13:20	50-32-8	
Benzo(b)fluoranthene	**0.34**	ug/L	0.047	0.018	1	11/08/21 08:35	11/10/21 13:20	205-99-2	
Benzo(g,h,i)perylene	**0.28**	ug/L	0.047	0.022	1	11/08/21 08:35	11/10/21 13:20	191-24-2	
Benzo(k)fluoranthene	**0.17**	ug/L	0.047	0.021	1	11/08/21 08:35	11/10/21 13:20	207-08-9	
Chrysene	**0.31**	ug/L	0.047	0.025	1	11/08/21 08:35	11/10/21 13:20	218-01-9	
Dibenz(a,h)anthracene	**0.044J**	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20	53-70-3	
Fluoranthene	**0.42**	ug/L	0.047	0.024	1	11/08/21 08:35	11/10/21 13:20	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	11/08/21 08:35	11/10/21 13:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.19**	ug/L	0.047	0.014	1	11/08/21 08:35	11/10/21 13:20	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.047	0.013	1	11/08/21 08:35	11/10/21 13:20	91-57-6	
Naphthalene	**0.025J**	ug/L	0.047	0.019	1	11/08/21 08:35	11/10/21 13:20	91-20-3	
Phenanthrene	**0.12**	ug/L	0.047	0.024	1	11/08/21 08:35	11/10/21 13:20	85-01-8	
Pyrene	**0.36**	ug/L	0.047	0.021	1	11/08/21 08:35	11/10/21 13:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	10-113		1	11/08/21 08:35	11/10/21 13:20	321-60-8	
Terphenyl-d14 (S)	77	%	28-124		1	11/08/21 08:35	11/10/21 13:20	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/05/21 10:34	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/05/21 10:34	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/05/21 10:34	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/05/21 10:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/05/21 10:34	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/05/21 10:34	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/05/21 10:34	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/05/21 10:34	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		11/05/21 10:34	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 10:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 10:34	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1030**	mg/L	100	22.2	50		11/19/21 18:59	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.1**	mg/L	0.25	0.059	1		11/16/21 13:32		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 401260
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2316819 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/10/21 08:47	

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	29.4	29.2	103	102	80-121	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	771	286	286	1340	1430	199	229	10-200	6	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 401563
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2318496 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	11/15/21 11:05	

LABORATORY CONTROL SAMPLE: 2318497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.1	5.3	101	106	85-115	5	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 400925
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2315458 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	11/18/21 03:08	
Barium, Dissolved	ug/L	<0.70	2.3	11/18/21 03:08	
Cadmium, Dissolved	ug/L	<0.15	1.0	11/18/21 03:08	
Chromium, Dissolved	ug/L	<1.0	3.4	11/18/21 03:08	
Iron, Dissolved	ug/L	<58.0	250	11/18/21 03:08	
Lead, Dissolved	ug/L	<0.24	1.0	11/18/21 03:08	
Manganese, Dissolved	ug/L	<1.2	4.0	11/18/21 03:08	
Selenium, Dissolved	ug/L	<0.32	1.1	11/18/21 03:08	
Silver, Dissolved	ug/L	<0.13	0.50	11/18/21 03:08	

LABORATORY CONTROL SAMPLE: 2315459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	274	109	80-120	
Barium, Dissolved	ug/L	250	265	106	80-120	
Cadmium, Dissolved	ug/L	250	268	107	80-120	
Chromium, Dissolved	ug/L	250	261	104	80-120	
Iron, Dissolved	ug/L	10000	10400	104	80-120	
Lead, Dissolved	ug/L	250	266	107	80-120	
Manganese, Dissolved	ug/L	250	258	103	80-120	
Selenium, Dissolved	ug/L	250	276	110	80-120	
Silver, Dissolved	ug/L	125	133	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2315460 2315461

Parameter	Units	40236217001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	1.0J	250	250	264	268	105	107	75-125	2	20	
Barium, Dissolved	ug/L	13.6	250	250	275	280	105	107	75-125	2	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	259	264	103	106	75-125	2	20	
Chromium, Dissolved	ug/L	<1.0	250	250	257	262	103	105	75-125	2	20	
Iron, Dissolved	ug/L	<58.0	10000	10000	10200	10400	102	104	75-125	2	20	
Lead, Dissolved	ug/L	<0.24	250	250	268	275	107	110	75-125	3	20	
Manganese, Dissolved	ug/L	<1.2	250	250	254	260	101	104	75-125	2	20	
Selenium, Dissolved	ug/L	<0.32	250	250	258	264	103	106	75-125	3	20	
Silver, Dissolved	ug/L	<0.13	125	125	128	130	102	104	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 400687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2313550 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/05/21 07:09	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/05/21 07:09	
Benzene	ug/L	<0.30	1.0	11/05/21 07:09	
Ethylbenzene	ug/L	<0.33	1.0	11/05/21 07:09	
m&p-Xylene	ug/L	<0.70	2.0	11/05/21 07:09	
o-Xylene	ug/L	<0.35	1.0	11/05/21 07:09	
Toluene	ug/L	<0.29	1.0	11/05/21 07:09	
Xylene (Total)	ug/L	<1.0	3.0	11/05/21 07:09	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	11/05/21 07:09	
4-Bromofluorobenzene (S)	%	100	70-130	11/05/21 07:09	
Toluene-d8 (S)	%	105	70-130	11/05/21 07:09	

LABORATORY CONTROL SAMPLE: 2313551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.7	103	70-132	
Ethylbenzene	ug/L	50	55.1	110	80-123	
m&p-Xylene	ug/L	100	111	111	70-130	
o-Xylene	ug/L	50	56.1	112	70-130	
Toluene	ug/L	50	54.2	108	80-121	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			109	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	52.0	52.4	104	105	70-132	1	20	
Ethylbenzene	ug/L	<0.33	50	50	54.3	54.5	109	109	80-123	0	20	
m&p-Xylene	ug/L	<0.70	100	100	108	109	108	109	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	55.1	54.9	110	110	70-130	0	20	
Toluene	ug/L	<0.29	50	50	53.3	53.7	107	107	80-121	1	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	110	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130			
4-Bromofluorobenzene (S)	%						107	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						108	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 400946
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2315536 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/09/21 08:41	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/09/21 08:41	
Acenaphthene	ug/L	<0.014	0.050	11/09/21 08:41	
Acenaphthylene	ug/L	<0.013	0.050	11/09/21 08:41	
Anthracene	ug/L	<0.018	0.050	11/09/21 08:41	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/09/21 08:41	
Benzo(a)pyrene	ug/L	<0.020	0.050	11/09/21 08:41	
Benzo(b)fluoranthene	ug/L	<0.020	0.050	11/09/21 08:41	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/09/21 08:41	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/09/21 08:41	
Chrysene	ug/L	<0.027	0.050	11/09/21 08:41	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/09/21 08:41	
Fluoranthene	ug/L	<0.026	0.050	11/09/21 08:41	
Fluorene	ug/L	<0.024	0.050	11/09/21 08:41	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/09/21 08:41	
Naphthalene	ug/L	<0.020	0.050	11/09/21 08:41	
Phenanthrene	ug/L	<0.026	0.050	11/09/21 08:41	
Pyrene	ug/L	<0.023	0.050	11/09/21 08:41	
2-Fluorobiphenyl (S)	%	73	10-113	11/09/21 08:41	
Terphenyl-d14 (S)	%	70	28-124	11/09/21 08:41	

LABORATORY CONTROL SAMPLE & LCSD: 2315537 2315538

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	1.6	76	81	71-120	6	20	
2-Methylnaphthalene	ug/L	2	1.5	1.6	75	78	68-120	4	20	
Acenaphthene	ug/L	2	1.6	1.7	81	84	71-120	4	20	
Acenaphthylene	ug/L	2	1.6	1.7	82	86	68-120	5	20	
Anthracene	ug/L	2	1.7	1.8	83	88	51-99	6	20	
Benzo(a)anthracene	ug/L	2	1.5	1.6	75	78	52-92	4	20	
Benzo(a)pyrene	ug/L	2	1.7	1.8	83	92	61-105	10	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.6	74	78	57-102	5	20	
Benzo(g,h,i)perylene	ug/L	2	1.7	1.8	85	90	62-120	6	20	
Benzo(k)fluoranthene	ug/L	2	1.8	2.0	92	100	70-122	8	20	
Chrysene	ug/L	2	1.9	2.1	95	104	71-122	8	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.8	80	88	41-101	10	20	
Fluoranthene	ug/L	2	1.8	1.9	92	97	67-116	5	20	
Fluorene	ug/L	2	1.6	1.7	82	86	71-120	4	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	84	88	59-120	5	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

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

LABORATORY CONTROL SAMPLE & LCSD: 2315537 2315538

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.6	1.7	80	83	71-120	4	20	
Phenanthrene	ug/L	2	1.5	1.7	77	83	60-102	7	20	
Pyrene	ug/L	2	1.6	1.6	79	82	72-120	4	20	
2-Fluorobiphenyl (S)	%				70	74	10-113			
Terphenyl-d14 (S)	%				68	71	28-124			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 402227
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2322987 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	0.52J	2.0	11/18/21 20:49	

LABORATORY CONTROL SAMPLE: 2322988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.9	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990

Parameter	Units	40236296004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	312J	10000	10000	11000	10900	107	106	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322991 2322992

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	39.0	100	100	146	145	107	106	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

QC Batch: 401869
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2320792 Matrix: Water
Associated Lab Samples: 40236298001, 40236298002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/21 13:26	

LABORATORY CONTROL SAMPLE: 2320793

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320794 2320795

Parameter	Units	40236297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.078J	2.5	2.5	2.3	2.4	90	92	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320796 2320797

Parameter	Units	40236793002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	2.0	2.5	2.5	4.6	4.7	105	108	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

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

QUALIFIERS

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

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.

BATCH QUALIFIERS

Batch: 401016

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY FORMER MG
Pace Project No.: 40236298

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40236298001	**110221020**	EPA 8015B Modified	401260		
40236298002	**110221021**	EPA 8015B Modified	401260		
40236298001	**110221020**	EPA 3010A	400925	EPA 6020B	401032
40236298002	**110221021**	EPA 3010A	400925	EPA 6020B	401032
40236298001	**110221020**	EPA 7470	401563	EPA 7470	401597
40236298002	**110221021**	EPA 7470	401563	EPA 7470	401597
40236298001	**110221020**	EPA 3510	400946	EPA 8270E by SIM	401016
40236298002	**110221021**	EPA 3510	400946	EPA 8270E by SIM	401016
40236298001	**110221020**	EPA 8260	400687		
40236298002	**110221021**	EPA 8260	400687		
40236298001	**110221020**	EPA 300.0	402227		
40236298002	**110221021**	EPA 300.0	402227		
40236298001	**110221020**	EPA 353.2	401869		
40236298002	**110221021**	EPA 353.2	401869		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

QC: DW

COC #: 01253-1121-001

40236298

Page: 2 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: O'Brien & Gere	Report To: GDSdata@OBG.com	Attention: Accounts Payable
Address: 234 W. Florida St	Copy To: Staci Goetz	Company Name: WEC Business Services, LLC
Milwaukee, WI		Address: PO Box 19800, Green Bay, WI 54307
Email To: GDSdata@OBG.com	Purchase Order No.:	Pace Quote Reference:
Phone: 414-335-3563 Fax:	Project Name: Green Bay Former MGP	Pace Project Manager:
Requested Due Date/TAT: standard	Project Number: 1940101253	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BTEX (8260)	1,2,4- Trimethylbenzene**	1,3,5- Trimethylbenzene**	PAHs (8270) HVI	Metals (6020)*	NO2+NO3 (353.2)	Sulfate (300.0)	Methane (8015B)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)	N	N	N	N	Y	N	N						
1	110221 013	WT	G			11/02/21	11:09		11	X	X	X	X						X	X	X	X	X	X	X				N	0
2	110221 014	WT	G				11:09		11	X	X	X	X						X	X	X	X	X	X	X				N	0
3	110221015	WT	G				11:59		11	X	X	X	X						X	X	X	X	X	X	X				N	1
4	110221016	WT	G				13:01		11	X	X	X	X						X	X	X	X	X	X	X				N	2
5	110221017	WT	G				13:36		11	X	X	X	X						X	X	X	X	X	X	X				N	2
6	110221 018	WT	G				14:05		11	X	X	X	X						X	X	X	X	X	X	X				N	2
7	110221 019	WT	G				15:00		11	X	X	X	X						X	X	X	X	X	X	X				N	2
8	110221 020	WT	G				15:55		11	X	X	X	X						X	X	X	X	X	X	X				N	4
9	110221 021	WT	G				16:44		11	X	X	X	X						X	X	X	X	X	X	X				N	4
10	110221 022	WT	G				17:15		6	X		X	X						X	X	X	X	X						N	1
11	110321 023	WT	G			11/03/21	07:36		11	X	X	X	X						X	X	X	X	X	X	X				N	1
12	110321 024	WT	G				08:32		11	X	X	X	X						X	X	X	X	X	X	X				N	1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Level 2	EC / Ramboll	11/03/21	10:15	Shelpler Hyka / PACE	11/03/21	1015
Cls- As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Fe, Mn						
Cl- Trimethylbenzene (8260)						
Cl- Trimethylbenzene (8260)						

SAMPLE CONDITIONS			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: 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.

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: OBG Project # 40232 UG 11/3/21

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A 40236298

Initial when completed: DK Date/ Time:

Lab Lot# of pH paper: 100104 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm)*	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001					2	2				1		1	1				6											✓			✓		2.5 / 5 / 10
002					2	2				1		1	1				6											✓			✓		2.5 / 5 / 10
003					11/3/21																												2.5 / 5 / 10
004						SCK																											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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 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)

Project #:

WO# : 40236298

40236298

Client Name: DBG

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #: Master 5092 4917 4686

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 - 116 **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.3/4 /Corr: 2.1/3.1/4.1

Person examining contents:

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Date: 11/3/21 /Initials: QAD

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

Labeled By Initials: SRK

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8. 002 received two vials empty CMG 11/3/21
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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:

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