Staci L Goetz < Staci. Goetz@ramboll.com> From: 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

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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

Connect with us in 💟





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

https://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

parola Domina.

WEC Business Services - Environmental Dept.

Enc: Figure 1. Associated Bank

Table 1. November 2021 Groundwater Analytical Results for Associated Bank

Laboratory Report – 40236296 frc

Ms. Hazuka Associated Bank February 2, 2022 Page 2

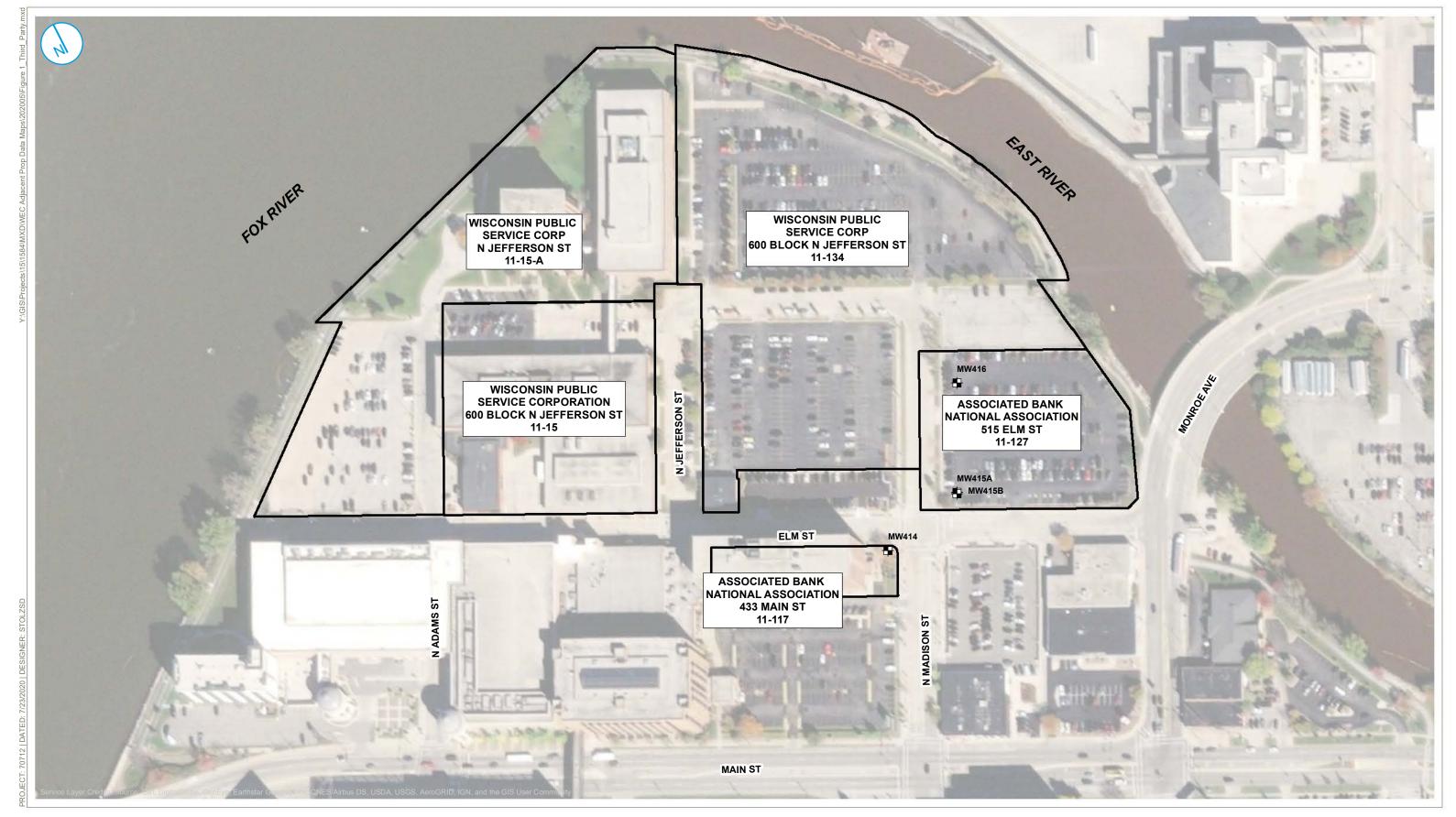
Project File cc:

USEPA RPM – Leah Werner (via email)

WDNR PM – Sarah Krueger (via US Mail and email)
WDNR Northeast Region (via email to DNRRNER@wisconsin.gov)

Ms. Staci Goetz, Ramboll (via email)

# **FIGURES**



MONITORING WELL LOCATION PROPERTY LINE

ASSOCIATED BANK BRRTS# 02-05-000254 FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

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

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

7			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 <sup>1</sup>	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	g 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
	\\/I	Groundwater ES:	NS	NS.	480	Ι 5	700	800	l NS	NS	2,000	NS	NS	NS	NS	3,000	NS	0.2	0.2	l NS	l NS	0.2	l ns	400	400	NS	100	NS	250
		iroundwater PAL:	NS.	NS	96	0.5	140	160	NS	NS.	400	NS	NS	NS	NS:	600	NS	0.2	0.2	NS	NS	0.2	NS	80	80	NS	100	NS	-50
		Touris Water 1712.	113	110	33	0.5	2.0	100	1.0	1	_,00			110	110	555	110	5.02	5.52		11.5	0.02	1 110			113	10		
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	<u>0.025</u> J	0.053	0.036 J	0.021 J	<u>0.042</u> 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	<u>0.027</u> J	<u>0.050</u>	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

<u>Underline</u> attains or exceeds the WI Groundwater PAL

\* = 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

- <u>Superscripts</u>:

  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

7			Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	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	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	I 5	100	300	15	300	2	50	50	250,000	10,000	250,000	NS	NS	l NS	NS	NS	NS	NS	NS
		roundwater PAL:	-1	400	0.5	100	150	1.5	60	0.2	10	10	125,000	2,000	125,000	NS NS	NS.	NS.	NS NS	NS	NS	NS NS	NS
		Tourid Water Tries	-	00	9.5		250	2.5	<u> </u>	5.2			123,000	2,000	125,000	113		1	110	1,10	113		110
110221016	MW-416	11/02/2021	<u>4.1</u> 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	J	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	<u>598</u> J	1.2 U	<u>1,450</u>	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
₹ <u></u>		•	·			•		•		•	•		•		•	•	•		•		[O:CMI	) 12/22/21,C:I	ECB 1/10/22]

Sorted by 9-digit Code

Bold attains or exceeds the WI Groundwater ES

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

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# LABORATORY REPORTS

(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

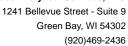
(920)469-2436 Project Manager

LVM

**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







# **CERTIFICATIONS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

# Pace Analytical Services Green Bay

North Dakota Certification #: R-150

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 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

(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



# **SAMPLE ANALYTE COUNT**

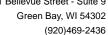
Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

_ab ID	Sample ID	Method	Analysts	Analytes Reported
10236296001	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
10236296002	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
10236296003	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
10236296004	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







#### **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:**



#### **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



### **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



#### **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:**



#### **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:**



#### **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:**

(920)469-2436



#### **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

(920)469-2436



**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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Parameters	Sample: 110221016	Lab ID:	40236296001	Collected	: 11/02/21	13:01	Received: 11/	03/21 15:43 N	latrix: Water	
Methane   76.5   ug/L   2.8   0.58   1   11/10/21 10:15   74-82-8	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane   76.5   ug/L   2.8   0.58   1   11/10/21 10:15   74-82-8	Methane, Ethane, Ethene GCV	Analytical	Method: EPA 8	015B Modifi	ed					
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay  Arsenic, Dissolved  4.1.J 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 (15. ug/L 10.0 1.5 10 11/08/21 05:57 11/18/21 04:37 7440-39-3 Cadmium, Dissolved (10.2 ug/L 34.0 10.2 10 11/08/21 05:57 11/18/21 04:37 7440-39-3 Iron, Dissolved (4820 ug/L 25:00 580 10 11/08/21 05:57 11/18/21 04:37 7440-39-3 Iron, Dissolved (4820 ug/L 10.0 2.4 10 11/08/21 05:57 11/18/21 04:37 7439-89-6 Lead, Dissolved (1880 ug/L 40.5 12.2 10 11/08/21 05:57 11/18/21 04:37 7439-89-6 Selenium, Dissolved (1880 ug/L 40.5 12.2 10 11/08/21 05:57 11/18/21 04:37 7439-89-6 Selenium, Dissolved (4.3 ug/L 10.6 3.2 10 11/08/21 05:57 11/18/21 04:37 7749-96-5 Selenium, Dissolved (4.3 ug/L 5.0 1.3 10 11/08/21 05:57 11/18/21 04:37 7740-22-4 D3 SIdver, Dissolved (4.3 ug/L 0.20 0.66 1 11/12/21 12:20 11/15/21 11:52 7439-97-6  Analytical Method: EPA 8770 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay  Mercury, Dissolved (4.0 ug/L 0.20 0.066 1 11/10/21 12:20 11/15/21 11:52 7439-97-6  Acenaphthene (4.0.13 ug/L 0.047 0.012 1 11/08/21 08:35 11/09/21 18:09 38-32-9 Acenaphthylene (4.0.17 ug/L 0.047 0.012 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Anthriacene (4.0.17 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Benzo(a)privene (4.0.49 ug/L 0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Benzo(a)privene (4.0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Benzo(a)privene (4.0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Benzo(a)privene (4.0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 207-08-9 Benzo(a)privene (4.0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 207-08-9 Benzo(a)privene (4.0.047 0.017 1 11/08/21 08:35 11/09/21 18:09 207-08-9 Benzo(a)privene (4.0.047 0.017 1 11/08/21 08:35 11/09/21 18:09 207-08-9 Benzo(a)privene (4.0.047 0.047 0.017 1 11/08/21 08:35 11/09/21 18:09 207-08-9 Benzo(a)privene (4.0.047 0.047 0.017 1 11/0		Pace Anal	lytical Services	- Green Bay						
Pace Analytical Services - Green Bay	Methane	76.5	ug/L	2.8	0.58	1		11/10/21 10:15	74-82-8	
Pace Analytical Services - Green Bay	6020B MET ICPMS. Dissolved	Analytical	Method: EPA 6	020B Prepa	aration Meth	nod: EF	PA 3010A			
Barium, Dissolved  248 ug/L 23.3 7.0 10 11/08/21 05:57 11/18/21 04:37 7440-39-3 D3 Chromium, Dissolved  410.2 ug/L 34.0 10.2 10 11/08/21 05:57 11/18/21 04:37 7440-47-3 D3 Chromium, Dissolved  4820 ug/L 2500 580 10 11/08/21 05:57 11/18/21 04:37 7440-47-3 D3 Chromium, Dissolved  4820 ug/L 10.0 2.4 10 11/08/21 05:57 11/18/21 04:37 7430-87-6 Ug/L 2500 580 10 11/08/21 05:57 11/18/21 04:37 7430-89-8 Ug/L 10.0 2.4 10 11/08/21 05:57 11/18/21 04:37 7439-89-8 Ug/L 10.0 2.4 10 11/08/21 05:57 11/18/21 04:37 7439-89-8 Ug/L 10.0 2.4 10 11/08/21 05:57 11/18/21 04:37 7439-98-5 Ug/L 10.6 3.2 10 11/08/21 05:57 11/18/21 04:37 7439-98-5 Ug/L 10.6 3.2 10 11/08/21 05:57 11/18/21 04:37 7440-22-4 D3 Silver, Dissolved  4.1.3 ug/L 5.0 1.3 10 11/08/21 05:57 11/18/21 04:37 7440-22-4 D3 Silver, Dissolved  4.1.3 ug/L 5.0 1.3 10 11/08/21 05:57 11/18/21 04:37 7440-22-4 D3 Silver, Dissolved  4.1.3 ug/L 5.0 1.3 10 11/08/21 05:57 11/18/21 04:37 7440-22-4 D3 Silver, Dissolved  4.0.066 ug/L 0.20 0.666 1 11/12/21 12:20 11/15/21 11:52 7439-97-6 Pace Analytical Method: EPA 8270E by SIM Preparation Method: EPA 8510 Pace Analytical Services - Green Bay  4.0.066 ug/L 0.20 0.666 1 11/10/21 12:20 11/15/21 11:52 7439-97-6 Pace Analytical Services - Green Bay  4.0.066 ug/L 0.20 0.666 1 11/10/21 12:20 11/15/21 11:52 7439-97-6 Pace Analytical Services - Green Bay  4.0.066 ug/L 0.20 0.666 1 11/10/21 12:20 11/15/21 11:52 7439-97-6 Pace Analytical Services - Green Bay  4.0.067 0.071 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Anthracene  4.0.012 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Pace Pace Analytical Services - Green Bay  4.0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 208-96-8 Pace Pace Pace Pace Pace Pace Pace Pace	.,	-								
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	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
Chromium, Dissolved   40.2   ug/L   34.0   10.2   10   11/08/21 05.57   11/18/21 04.37   7439-89-6   2500   2500   2500   2500   2500   11/08/21 05.57   11/18/21 04.37   7439-89-6   2500	Barium, Dissolved	248	ug/L	23.3	7.0	10	11/08/21 05:57	11/18/21 04:37	7440-39-3	
Iron, Dissolved	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
Iron, Dissolved	Chromium, Dissolved	<10.2	-	34.0	10.2	10	11/08/21 05:57	11/18/21 04:37	7440-47-3	D3
Lead, 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 7439-96-5 Selenium, Dissolved 3.1 11/08/21 05:57 11/18/21 04:37 7439-96-5 Selenium, Dissolved 3.1 11/08/21 05:57 11/18/21 04:37 7439-96-5 Selenium, Dissolved 3.1 11/08/21 05:57 11/18/21 04:37 7439-96-5 Selenium, Dissolved 4.1.3 11/08/21 05:57 11/18/21 04:37 7439-96-5 Selenium, Dissolved 4.1.3 11/08/21 05:57 11/18/21 04:37 7439-97-6  Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay  Mercury, Dissolved 4.0.66 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 3610 Pace Analytical Services - Green Bay  Acenaphthene 4.0.013 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 83-32-9 Acenaphthylene 4.0.012 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 83-32-9 Benzo(a)prepe 4.0.049 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 96-55-3 Benzo(a)prepe 4.0.049 ug/L 0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 96-55-3 Benzo(b)fluoranthene 0.010 ug/L 0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 96-55-3 Benzo(b)fluoranthene 0.070 ug/L 0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 90-32-8 Benzo(b)fluoranthene 0.070 ug/L 0.047 0.022 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.095 ug/L 0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.059 ug/L 0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.059 ug/L 0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.050 ug/L 0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.052 ug/L 0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.052 ug/L 0.047 0.026 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.052 ug/L 0.047 0.027 1 11/08/21 08:35 11/09/21 18:09 91-24-2 Benzo(b)fluoranthene 0.052 ug/L 0.047 0.028 1 11/08/21 08:35 11/09/21 18:09 91-20-3 Benzo(b)fluoranthene	Iron, Dissolved	4820	ug/L	2500	580	10	11/08/21 05:57	11/18/21 04:37	7439-89-6	
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   4.3.2   ug/L   10.6   3.2   10   11/08/21 05.57   11/18/21 04.37   7439-96-5   D3   Silver, Dissolved   4.1.3   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 3510   P	Lead, Dissolved	<2.4	-	10.0		10	11/08/21 05:57	11/18/21 04:37	7439-92-1	D3
Selenium, Dissolved   Cal. 2   ug/L   10.6   3.2   10   11/08/21 05.57   11/18/21 04.37   7782-49-2   D3   D3   D3   D3   D3   D3   D3   D	•		-							
Silver, Dissolved   4.1.3	_		•							D3
Pace Analytical Services - Green Bay   Mercury, Dissolved   \$\sqrt{0.066} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			-							
Pace Analytical Services - Green Bay   Mercury, Dissolved   \$\sqrt{0.066} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7470 Mercury Dissolved	Analytical	Method: FPA 7	470 Prepar	ation Metho	nd: FPA	7470			
### Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay    Acenaphthene	7470 Merodry, Disserved	-				,a. <u>L</u> . ,				
Acenaphthene	Mercury, Dissolved	<0.066	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 11:52	7439-97-6	
Acenaphthene	8270F MSSV PAH	Analytical	Method: FPA 8	270F by SIN	/ Preparati	ion Met	thod: FPA 3510			
Acenaphthylene  40.012 ug/L  0.047 0.012 1 11/08/21 08:35 11/09/21 18:09 208-96-8  Anthracene  40.017 ug/L  0.047 0.017 1 11/08/21 08:35 11/09/21 18:09 120-12-7  Benzo(a)pyrene  0.025J ug/L  0.047 0.018 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 56-55-3  Benzo(g)filuoranthene  0.10 ug/L  0.047 0.018 1 11/08/21 08:35 11/09/21 18:09 205-99-2  Benzo(g)filuoranthene  0.070 ug/L  0.047 0.022 1 11/08/21 08:35 11/09/21 18:09 205-99-2  Benzo(g)filuoranthene  0.059 ug/L  0.047 0.022 1 11/08/21 08:35 11/09/21 18:09 207-08-9  Chrysene  0.088 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 18:09 207-08-9  Chrysene  4.0.017 ug/L  0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 207-08-9  Chrysene  0.015 ug/L  0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 208-09-9  Fluoranthene  0.15 ug/L  0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 208-09-9  Fluoranthene  0.15 ug/L  0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 206-44-0  Fluorene  4.0.022 ug/L  0.047 0.025 1 11/08/21 08:35 11/09/21 18:09 86-73-7  Indeno(1,2,3-cd)pyrene  4.0.017 ug/L  0.047 0.015 1 11/08/21 08:35 11/09/21 18:09 90-12-0  2-Methylnaphthalene  4.0.017 ug/L  0.047 0.015 1 11/08/21 08:35 11/09/21 18:09 91-20-3  2-Methylnaphthalene  4.0.017 ug/L  0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0.048 ug/L  0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0.048 ug/L  0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0.048 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 0.019 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0.048 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 0.019 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0.048 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 0.019 1 11/08/21 08:35 11/09/21 18:09 91-20-3  Phenanthrene  0	<b></b>	-		-						
Anthracene	Acenaphthene	<0.013	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:09	83-32-9	
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(p(h)i)perylene         0.070         ug/L         0.047         0.022         1         11/08/21 08:35         11/09/21 18:09         205-99-2           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         218-01-9           Dibenz(a,h)anthracene         0.015         ug/L         0.047         0.017         1         11/08/21 08:35         11/09/21 18:09         218-01-9	Acenaphthylene	<0.012	ug/L	0.047	0.012	1	11/08/21 08:35	11/09/21 18:09	208-96-8	
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)perylene         0.070         ug/L         0.047         0.022         1         11/08/21 08:35         11/09/21 18:09         205-99-2           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	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)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); perylene         0.070         ug/L         0.047         0.022         1         11/08/21 08:35         11/09/21 18:09         205-99-2           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	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(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         295-99-2           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         207-08-9           Dibenz(a,h)anthracene         0.017         ug/L         0.047         0.025         1         11/08/21 08:35         11/09/21 18:09         218-01-9           Dibenz(a,h)anthracene         0.15         ug/L         0.047         0.025         1         11/08/21 08:35         11/09/21 18:09         218-01-9           Dibenz(a,h)anthracene         0.15         ug/L         0.047         0.025         1         11/08/21 08:35         11/09/21 18:09         206-44-0           Fluoranthene         0.15         ug/L         0.047         0.022         1         11/08/21 08:35         11/09/21 18:09         90-12-0	Benzo(a)pyrene	0.049	-	0.047	0.018	1	11/08/21 08:35	11/09/21 18:09	50-32-8	
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		0.10	-	0.047	0.018	1	11/08/21 08:35	11/09/21 18:09	205-99-2	
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	Benzo(g,h,i)perylene	0.070	•	0.047	0.022	1	11/08/21 08:35	11/09/21 18:09	191-24-2	
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	· · · · · · · · · · · · · · · · · · ·	0.059	-		0.021	1	11/08/21 08:35	11/09/21 18:09	207-08-9	
Dibenz(a,h)anthracene		0.088	-	0.047		1	11/08/21 08:35	11/09/21 18:09	218-01-9	
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 90-12-0 2-Methylnaphthalene <0.019 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) Analytical Method: EPA 8260 Pace Analytical Services - Green Bay		<0.017	-	0.047	0.017	1		11/09/21 18:09	53-70-3	
Fluorene			-				11/08/21 08:35			
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 2.017 ug/L 0.047 0.017 1 11/08/21 08:35 11/09/21 18:09 90-12-0  2-Methylnaphthalene 2.013 ug/L 0.047 0.013 1 11/08/21 08:35 11/09/21 18:09 91-57-6  Naphthalene 2.019 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 91-20-3  Pyrene 0.10 ug/L 0.047 0.024 1 11/08/21 08:35 11/09/21 18:09 85-01-8  Pyrene 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  Analytical Method: EPA 8260  Pace Analytical Services - Green Bay			•							
1-Methylnaphthalene			•							
2-Methylnaphthalene			•							
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			-							
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			•							
Pyrene	·									
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			-							
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	•	0.10	ug/L	0.047	0.021	1	11/06/21 08:35	11/09/21 18:09	129-00-0	
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	_	72	0/.	10 112		1	11/09/21 09:25	11/00/21 19:00	221 60 9	
8260 MSV UST  Analytical Method: EPA 8260  Pace Analytical Services - Green Bay										
Pace Analytical Services - Green Bay										
· · · · · · · · · · · · · · · · · · ·	0200 1913 9 031	-								
	Benzene			•		1		11/05/21 20:28	71-43-2	



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Sample: 110221016	Lab ID:	40236296001	Collected:	11/02/21	13:01	Received: 11/	03/21 15:43 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical	Method: EPA 82	260						
	Pace Anal	ytical 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		
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/05/21 20:28		
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/05/21 20:28		
Surrogates	<b>~0.55</b>	ug/L	1.0	0.00	'		11/03/21 20.20	33-47-0	
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		
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/05/21 20:28		
1,2-Dicilioroperizerie-d4 (3)	104	/0	70-130		'		11/03/21 20.20	2199-09-1	
300.0 IC Anions	•	Method: EPA 30 ytical Services -							
Sulfate	298	mg/L	40.0	8.9	20		11/19/21 23:45	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	,	Method: EPA 35 ytical Services -							
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/21 13:19		
Sample: 110221017									
Sample. 110221017	Lab ID:	40236296002	Collected:	11/02/21	13:36	Received: 11/	03/21 15:43 Ma	atrix: Water	
Parameters	Lab ID:	<b>40236296002</b> Units	Collected:	11/02/21 LOD	13:36 DF	Received: 11/ Prepared	03/21 15:43 Ma Analyzed	atrix: Water CAS No.	Qual
Parameters	Results  Analytical		LOQ 015B Modifie	LOD					Qual
·	Results  Analytical	Units — — — — — — — — — — — — — — — — — — —	LOQ 015B Modifie	LOD				CAS No.	Qual
Parameters  Methane, Ethane, Ethene GCV  Methane	Analytical Pace Anal 4.3 Analytical	Units  Method: EPA 80 ytical Services -	LOQ 015B Modifie Green Bay 2.8 020B Prepa	d 0.58	DF 1	Prepared	Analyzed	CAS No.	Qual
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved	Analytical Pace Anal 4.3 Analytical	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services -	LOQ 015B Modifie Green Bay 2.8 020B Prepa	d 0.58	DF 1	Prepared PA 3010A	Analyzed	CAS No.	Qual
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal 4.7	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	D15B Modified Green Bay 2.8 D20B Prepar Green Bay 5.0	d 0.58 ration Met	DF 1 nod: EF	Prepared PA 3010A 11/08/21 05:57	Analyzed 11/10/21 10:22	CAS No. 74-82-8 7440-38-2	
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal 4.1 Analytical Pace Anal 4.105	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L ug/L ug/L	D15B Modified Green Bay 2.8 D20B Prepar Green Bay 5.0 11.6	0.58 ration Met	DF  1 hod: EF	Prepared PA 3010A 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44	CAS No. 74-82-8 7440-38-2 7440-39-3	D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal 4.1 105 <0.76	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L  ug/L  ug/L  ug/L  ug/L	D15B Modified Green Bay 2.8 D20B Prepar Green Bay 5.0 11.6 5.0	0.58 ration Met  1.4 3.5 0.76	1 nod: EF 5 5	Prepared PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	CAS No.  74-82-8  7440-38-2 7440-39-3 7440-43-9	D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal <1.4 105 <0.76 <5.1	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	D15B Modified Green Bay 2.8 D20B Prepar Green Bay 5.0 11.6 5.0 17.0	0.58 ration Met  1.4 3.5 0.76 5.1	1 nod: EF 5 5 5 5 5	Prepared  PA 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	CAS No.  74-82-8  7440-38-2 7440-39-3 7440-43-9 7440-47-3	D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal <1.4 105 <0.76 <5.1 <290	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	D15B Modified Green Bay 2.8 D20B Prepar Green Bay 5.0 11.6 5.0 17.0 1250	0.58 ration Met  1.4 3.5 0.76 5.1 290	DF  1 nod: EF 5 5 5 5 5	Prepared  PA 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6	D3 D3 D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal <1.4 105 <0.76 <5.1 <290 <1.2	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	2.8 D20B Prepar 5.0 11.6 5.0 17.0 1250 5.0	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2	DF  1 nod: EF 5 5 5 5 5 5	Prepared  2A 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1	D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal <1.4 105 <0.76 <5.1 <290 <1.2 38.7	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	2.8 D20B Prepar 5.0 11.6 5.0 17.0 1250 5.0 20.2	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1	DF  1 nod: EF 5 5 5 5 5 5 5 5	Prepared  2A 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5	D3 D3 D3 D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved	Analytical Pace Anal  4.3  Analytical Pace Anal  <1.4 105 <0.76 <5.1 <290 <1.2 38.7 <1.6	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	2.8 D20B Prepare 5.0 11.6 5.0 17.0 1250 5.0 20.2 5.3	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6	DF  1 nod: EF 5 5 5 5 5 5 5 5 5	Prepared  PA 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved	Analytical Pace Anal 4.3 Analytical Pace Anal <1.4 105 <0.76 <5.1 <290 <1.2 38.7	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	2.8 D20B Prepar 5.0 11.6 5.0 17.0 1250 5.0 20.2	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1	DF  1 nod: EF 5 5 5 5 5 5 5 5	Prepared  PA 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved Silver, Dissolved	Analytical Pace Anal 4.3  Analytical Pace Anal <1.4 105 <0.76 <5.1 <290 <1.2 38.7 <1.6 <0.64  Analytical	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L	LOQ 2.8 020B Prepare 5.0 11.6 5.0 17.0 1250 5.0 20.2 5.3 2.5	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6 0.64	1 nod: EF 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Prepared  2A 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3 D3
Parameters  Methane, Ethane, Ethene GCV	Analytical Pace Anal 4.3  Analytical Pace Anal <1.4 105 <0.76 <5.1 <290 <1.2 38.7 <1.6 <0.64  Analytical	Units  Method: EPA 86 ytical Services - ug/L  Method: EPA 66 ytical Services - ug/L  ug/L	LOQ 2.8 020B Prepare 5.0 11.6 5.0 17.0 1250 5.0 20.2 5.3 2.5	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6 0.64	1 nod: EF 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Prepared  2A 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	Analyzed  11/10/21 10:22  11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44 11/18/21 04:44	74-82-8  7440-38-2 7440-39-3 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2 7440-22-4	D3 D3 D3 D3 D3 D3



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Sample: 110221017	Lab ID:	40236296002	Collected:	11/02/21	13:36	Received: 11/	03/21 15:43 M	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
3270E MSSV PAH	Analytical	Method: EPA 8	270E by SIM	Preparati	on Met	hod: EPA 3510			
	-	lytical Services	•						
Acenaphthene	<0.013	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28	83-32-9	
Acenaphthylene	<0.013	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28		
Anthracene	< 0.017	ug/L	0.047	0.012	1	11/08/21 08:35	11/09/21 18:28		
Benzo(a)anthracene	<0.017	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:28		
Benzo(a)pyrene	0.025J	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:28		
Benzo(b)fluoranthene	0.053	ug/L	0.047	0.018	1	11/08/21 08:35	11/09/21 18:28		
Benzo(g,h,i)perylene	0.036J	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:28		
Benzo(k)fluoranthene	0.021J	ug/L	0.047	0.021	1	11/08/21 08:35	11/09/21 18:28		
Chrysene	0.042J	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:28		
Dibenz(a,h)anthracene	< 0.017	ug/L	0.047	0.020	1	11/08/21 08:35	11/09/21 18:28		
Fluoranthene	0.081	ug/L	0.047	0.025	1	11/08/21 08:35	11/09/21 18:28		
Fluorene	<0.022	ug/L	0.047	0.023	1	11/08/21 08:35	11/09/21 18:28		
ndeno(1,2,3-cd)pyrene	0.027J	ug/L	0.047	0.022	1	11/08/21 08:35	11/09/21 18:28		
-Methylnaphthalene	< 0.017	ug/L	0.047	0.013	1	11/08/21 08:35	11/09/21 18:28		
?-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	11/08/21 08:35	11/09/21 18:28		
laphthalene	<0.019	ug/L	0.047	0.019	1	11/08/21 08:35	11/09/21 18:28		
Phenanthrene	0.036J	ug/L	0.047	0.019	1	11/08/21 08:35	11/09/21 18:28		
Pyrene	0.057	ug/L	0.047	0.024	1	11/08/21 08:35	11/09/21 18:28		
Surrogates	0.037	ug/L	0.047	0.021	'	11/00/21 00.33	11/03/21 10.20	129-00-0	
2-Fluorobiphenyl (S)	74	%	10-113		1	11/08/21 08:35	11/09/21 18:28	321-60-8	
erphenyl-d14 (S)	74	%	28-124		1	11/08/21 08:35	11/09/21 18:28		
3260 MSV UST	•	Method: EPA 8							
		lytical Services	•						
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		
oluene	<0.29	ug/L	1.0	0.29	1		11/05/21 11:30		
,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/21 11:30		
,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/21 11:30	108-67-8	
(ylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/21 11:30	1330-20-7	
n&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	
I-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 11:30	460-00-4	
,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/05/21 11:30	2199-69-1	
00.0 IC Anions	Analytical	Method: EPA 3	0.00						
	•	lytical Services							
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 3	53.2						
min ogon, mozmoo pros.	•	lytical Services							
Nitrogon NO2 plus NO2		•	•	0.050	1		11/16/21 12:10		
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/21 13:19		



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Sample: 110221018	Lab ID:	40236296003	Collected	d: 11/02/21	14:05	Received: 11/	03/21 15:43 M	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical	Method: EPA 8	015B Modif	ied					
	Pace Ana	ytical 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 6	020B Pren	aration Met	hod: FF	ΡΑ 3010Α			
0020B MET 101 MO, BISSOIVEU	-	ytical Services			nou. Li	71001071			
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		11/18/21 04:51	7440-22-4	D3
7470 Mercury, Dissolved	Analytical	Method: EPA 7	470 Prepar	ation Meth	od: EPA	7470			
,,, =	•	ytical Services	•						
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 8	270E by SII	M Prepara	tion Met	hod: EPA 3510			
	-	ytical Services	-						
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		
Naphthalene	0.022J	ug/L	0.047	0.019	1		11/09/21 18:46		
Phenanthrene	0.031J	ug/L	0.047	0.024	1		11/09/21 18:46		
Pyrene	0.054	ug/L	0.047	0.021	1		11/09/21 18:46		
Surrogates		J	-	- '					
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		11/09/21 18:46		
rorphonyr a r r (G)									
8260 MSV UST	Analytical	Method: EPA 8	260						
. , , ,	•	Method: EPA 8		/					



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Sample: 110221018	Lab ID:	40236296003	Collected:	11/02/21	14:05	Received: 11/	03/21 15:43 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical	Method: EPA 82	260						
	Pace Anal	ytical 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		
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/05/21 11:48		
Surrogates	<b>\0.55</b>	ug/L	1.0	0.00	'		11/03/21 11.40	33 47 0	
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		
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/05/21 11:48		
1,2-Dichioloberizerie-d4 (3)	103	/0	70-130		'		11/03/21 11.40	2199-09-1	
300.0 IC Anions	•	Method: EPA 30 ytical Services -							
Sulfate	161	mg/L	10.0	2.2	5		11/20/21 00:44	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	•	Method: EPA 35 ytical Services -							
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 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical	Units  Method: EPA 80 ytical Services	O15B Modifie		DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical	Method: EPA 80	O15B Modifie		DF 1	Prepared	Analyzed 11/10/21 10:55		Qual
Methane, Ethane, Ethene GCV  Methane	Analytical Pace Anal  59.0  Analytical	Method: EPA 80 ytical Services -	015B Modifie Green Bay 2.8 020B Prepar	d 0.58	1	· ·			Qual
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved	Analytical Pace Anal  59.0  Analytical	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services -	015B Modifie Green Bay 2.8 020B Prepar	d 0.58	1	PA 3010A		74-82-8	Qual
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L	2.8 D20B Prepar Creen Bay 2.8 D20B Prepar Green Bay	0.58 ration Met	1 hod: EF	PA 3010A 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59	74-82-8 7440-38-2	
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L	2.8 D20B Prepar Green Bay 2.8 D20B Prepar Green Bay 5.0 11.6	0.58 ration Met  1.4 3.5	1 nod: EF 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3	D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L	2.8 D20B Prepar Green Bay D20B Prepar Green Bay 5.0 11.6 5.0	0.58 ration Met  1.4 3.5 0.76	1 nod: EF 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9	D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L	2.8 D20B Prepar Green Bay 5.0 11.6 5.0 17.0	0.58 ration Met  1.4 3.5 0.76 5.1	1 nod: EF 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3	D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	2.8 D20B Prepar Green Bay 5.0 11.6 5.0 17.0 1250	0.58 ration Met  1.4 3.5 0.76 5.1 290	1 5 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6	D3 D3 D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved  Chromium, Dissolved  Iron, Dissolved  Lead, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	2.8 020B Prepar 5.0 11.6 5.0 17.0 1250 5.0	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2	1 5 5 5 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1	D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved  Chromium, Dissolved  Iron, Dissolved  Lead, Dissolved  Manganese, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2 1450	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	2.8 020B Prepar Coreen Bay 5.0 11.6 5.0 17.0 1250 5.0 20.2	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1	1 5 5 5 5 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5	D3 D3 D3 D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved  Chromium, Dissolved  Iron, Dissolved  Lead, Dissolved  Manganese, Dissolved  Selenium, Dissolved	Analytical Pace Anal 59.0  Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2 1450 <1.6	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	5.0 17.0 17.0 17.0 17.0 10.0 10.0 10.0 10	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6	1 5 5 5 5 5 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved  Barium, Dissolved  Cadmium, Dissolved  Chromium, Dissolved  Iron, Dissolved  Lead, Dissolved  Manganese, Dissolved  Selenium, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2 1450	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	2.8 020B Prepar Coreen Bay 5.0 11.6 5.0 17.0 1250 5.0 20.2	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1	1 5 5 5 5 5 5 5 5	PA 3010A 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved Silver, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2 1450 <1.6 <0.64 Analytical	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	5.0 17.0 17.0 17.0 17.0 1250 20.2 5.3 2.5	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6 0.64	1 5 5 5 5 5 5 5 5 5	PA 3010A  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57  11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3 D3 D3 D3
Methane, Ethane, Ethene GCV  Methane  6020B MET ICPMS, Dissolved  Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved Selenium, Dissolved 7470 Mercury, Dissolved  Mercury, Dissolved	Analytical Pace Anal 59.0 Analytical Pace Anal <1.4 347 <0.76 <5.1 598J <1.2 1450 <1.6 <0.64 Analytical	Method: EPA 80 ytical Services - ug/L Method: EPA 60 ytical Services - ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	5.0 17.0 17.0 17.0 17.0 1250 20.2 5.3 2.5	0.58 ration Met  1.4 3.5 0.76 5.1 290 1.2 6.1 1.6 0.64	1 5 5 5 5 5 5 5 5 5	PA 3010A  11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57 11/08/21 05:57	11/10/21 10:55 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59 11/18/21 04:59	74-82-8 7440-38-2 7440-39-3 7440-47-3 7439-89-6 7439-96-5 7782-49-2 7440-22-4	D3 D3 D3 D3 D3 D3



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Sample: 110221019	Lab ID:	40236296004	Collected:	: 11/02/21	15:00	Received: 11/	03/21 15:43 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
3270E MSSV PAH	Analytical I	Method: EPA 8	270E by SIM	1 Preparat	ion Met	hod: EPA 3510			
	Pace Analy	tical Services	Green Bay						
Acenaphthene	0.014J	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38	83-32-0	
Acenaphthylene	<0.012	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38		
Anthracene	<0.012	ug/L	0.046	0.012	1	11/08/21 08:35	11/10/21 13:38		
Benzo(a)anthracene	<0.013	ug/L	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38		
Benzo(a)pyrene	<0.018	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38		
Benzo(b)fluoranthene	<0.018	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38		
Benzo(g,h,i)perylene	<0.022	ug/L	0.046	0.022	1	11/08/21 08:35	11/10/21 13:38		
Benzo(k)fluoranthene	<0.022	ug/L	0.046	0.022	1	11/08/21 08:35	11/10/21 13:38		
Chrysene	<0.025	ug/L	0.046	0.021	1	11/08/21 08:35	11/10/21 13:38		
Dibenz(a,h)anthracene	<0.017	ug/L	0.046	0.017	1	11/08/21 08:35	11/10/21 13:38		
Fluoranthene	<0.024	ug/L	0.046	0.024	1	11/08/21 08:35	11/10/21 13:38		
luorene	<0.024	ug/L	0.046	0.024	1	11/08/21 08:35	11/10/21 13:38		
ndeno(1,2,3-cd)pyrene	<0.022	ug/L	0.046	0.022	1	11/08/21 08:35	11/10/21 13:38		
-Methylnaphthalene	0.051	ug/L	0.046	0.014	1	11/08/21 08:35	11/10/21 13:38		
-Methylnaphthalene	0.051 0.015J	ug/L ug/L	0.046	0.017	1	11/08/21 08:35	11/10/21 13:38		
	0.0153	-	0.046	0.013	1	11/08/21 08:35	11/10/21 13:38		
laphthalene Phenanthrene	<0.049	ug/L	0.046	0.018	1	11/08/21 08:35	11/10/21 13:38		
yrene	<0.024 <0.021	ug/L ug/L	0.046	0.024	1	11/08/21 08:35	11/10/21 13:38		
Surrogates	<0.021	ug/L	0.040	0.021	•	11/00/21 00.33	11/10/21 13.30	129-00-0	
P-Fluorobiphenyl (S)	73	%	10-113		1	11/08/21 08:35	11/10/21 13:38	321-60-8	
erphenyl-d14 (S)	73	%	28-124		1	11/08/21 08:35	11/10/21 13:38		
260 MSV UST	Analytical I	Method: EPA 8	260						
	Pace Analy	tical 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		
oluene	<0.29	ug/L	1.0	0.29	1		11/05/21 12:07		
,2,4-Trimethylbenzene	< 0.45	ug/L	1.0	0.45	1		11/05/21 12:07		
,3,5-Trimethylbenzene	< 0.36	ug/L	1.0	0.36	1		11/05/21 12:07	108-67-8	
(ylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/21 12:07		
n&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/05/21 12:07		
-Xylene	<0.35	ug/L	1.0	0.35	1		11/05/21 12:07		
Surrogates		9-			•		.,,		
oluene-d8 (S)	106	%	70-130		1		11/05/21 12:07	2037-26-5	
-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 12:07	460-00-4	
,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 12:07		
00.0 IC Anions	Analytical I	Method: EPA 3	0.00						
	Pace Analy	tical Services	Green Bay						
Sulfate	312J	mg/L	1000	222	500		11/19/21 17:29	14808-79-8	B,D3
53.2 Nitrogen, NO2/NO3 pres.	Analytical I	Method: EPA 3	53.2						
	•	tical Services							
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/21 13:23		

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#### **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Methane ug/L <0.58 2.8 11/10/21 08:47

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

MS

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

MSD

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.



1940101253 GREEN BAY FORMER MG Project:

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

QC Batch: 401563 Analysis Method: EPA 7470

QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved

> Laboratory: Pace Analytical Services - Green Bay

40236296001, 40236296002, 40236296003, 40236296004 Associated Lab Samples:

METHOD BLANK: Matrix: Water

Associated Lab Samples: 40236296001, 40236296002, 40236296003, 40236296004

> Blank Reporting

Qualifiers Parameter Units Result Limit Analyzed

Mercury, Dissolved < 0.066 0.20 11/15/21 11:05 ug/L

LABORATORY CONTROL SAMPLE: 2318497

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units

ug/L Mercury, Dissolved 5.2 104 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

MS

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

LABORATORY CONTROL SAMPLE:

Manganese, Dissolved

Date: 11/22/2021 11:57 AM

Selenium, Dissolved

Silver, Dissolved

QC Batch: 400925 Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A 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

2315459

ug/L

ug/L

ug/L

		Blank	Reporting		
Parameter	Units	Result	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	

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	

250

250

125

MATRIX SPIKE & MATRIX S	SPIKE DUPL	ICATE: 2315	460 MS	MSD	2315461							
Parameter	Units	40236217001 Result	Spike Conc.	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	

258

276

133

103

110

106

80-120

80-120

80-120

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

QC Batch: 400684 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40236296001

METHOD BLANK: 2313546 Matrix: Water

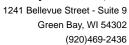
Associated Lab Samples: 40236296001

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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLIC	ATE: 2314	706		2314707							
			MS	MSD								
	4	0236294005	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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.





Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2314706 2314707

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

QC Batch: 400687 Analysis Method: EPA 8260

QC Batch 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

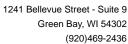
Associated Lab Samples: 40236296002, 40236296003, 40236296004

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	

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLI	CATE: 2313	552		2313553							
			MS	MSD								
		40236297003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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.





Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

QC Batch: 400946 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 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
		-0 <del>-</del>			- Qualificis
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		23	15538						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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.



Green Bay, WI 54302 (920)469-2436

# **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

LABORATORY CONTROL SAMPLE	& LCSD: 2315537		23	315538						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
			- Troodit		70 1100	70 1100				Quamiere
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			

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

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

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L <0.44 2.0 11/18/21 11:55

LABORATORY CONTROL SAMPLE: 2319947

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2319948 2319949

MS MSD 40236294003 Spike Spike

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2319950 2319951

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

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

QC Batch: 402227 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: 40236296004

METHOD BLANK: 2322987 Matrix: Water

Associated Lab Samples: 40236296004

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L 0.52J 2.0 11/18/21 20:49

LABORATORY CONTROL SAMPLE: 2322988

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990

MSD MS 40236296004 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Result % Rec % Rec **RPD** RPD Result Conc. Conc. Limits

Sulfate mg/L 312J 10000 10000 11000 10900 107 106 90-110 1 15

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322991 2322992

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

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**

Qual



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, NO2 plus NO3 mg/L <0.059 0.25 11/16/21 13:05

LABORATORY CONTROL SAMPLE: 2320787

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320788 2320789

MS MSD

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320790 2320791

MS MSD

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

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.



#### **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**

Date: 11/22/2021 11:57 AM

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.



### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236296

Date: 11/22/2021 11:57 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40236296001	110221016	EPA 8015B Modified	401260	Δ.	- X
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		



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

QC: 000

COCH: 01253	- 1121-001
40236	296
	~

Required Client Information:	Section B Required Project Information:		Section C			•	Page:	A of	3
	Report To: GDSdata@OBG.c	om	Attention:	Accounts Payable					
vddress: 234 W. Florida St	Copy To: Staci Goetz		Company Nar	ne: WEC Business Sen	vices, LLC	REGULATORY AGENC	Ÿ		
Milwaukee, WI			Address:	PO Box 19800, Green I	Bay, WI 54307	□ NPDES ☑ GRO	JND WATE	R C DRINKING	3 WATER
:mail To: GDSdata@OBG.com	Purchase Order No.:		Pace Quote Reference:			☐ UST ☐ RCRA		☐ OTHER	
hone: 414-335-3563 Fax:	Project Name: Green Bay Fo	ormer MGP	Pace Project Manager:			Site Location	,,		
tequested Due Date/TAT: standard	Project Number: 1940101253		Pace Profile #:	W-1-1-W-11		STATE: V	<u>"</u> [		
					Requested	Analysis Filtered (Y/N)			
Section D Valid Matrix Co Required Client Information MATRIX	Odes (1) (d) (D	COLLECTED		Preservatives	NNNN	YNN			
WATER WASTE WATER PRODUCT SOIL/SOLID OIL  SAMPLE ID  (A-Z, 0-9 /,-) Sample IDS MUST BE UNIQUE WATER TISSUE	P Pile N 80 STAF	DSITE COMPOSITE ENDIGRAB	CONTAINERS eserved	lol VSIS Test		18 6 6 6	Residual Chlorine (Y/N)		
TEM#	MATRIX CODE SAMPLE TYPE	TIME DATE TIME	# OF CONTAIN Unpreserved	HNO <sub>3</sub> HCI NaOH Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Methanol Other	BTEX ( 1,2,4- T 1,3,5- T PAHS (	Metals NO2+N Sulfate Methan	Residu	Pace Project	No./ Lab I.D.
110221013	WT 6	11/07/21 11:09		<b>XX</b>	XXXX	XXXX	N	$\mathcal{Q}$	
2 110221014	WT 6 LEBP	1/204	11 X X		XXXX		N	<u>(f)</u>	
3 110221019	WTG 11		il XX		XXXX	KKXX	N		
4 110221016	WTG \"	13:01	<u> </u>	XX	XXXX	XXXX		<u> </u>	<u> </u>
[02210)]	wit 6	13:36	11 X X		XXXX	XXXX	N	2)	$\omega_{\omega}$
6 1022 018	UT G	14:05	IIXX		XXXX	NXXX	N	(2	$\frac{1}{2}$
1 110221019	WT 6	15:00	11 X X	KKI I I I	ZIVIX		N	<u> </u>	<u>vy</u>
8 /10221020	WT G	15:55	11 XX	XX	XXXX	XXXX	N		<u> </u>
1/022/02/	wT 6	16:44	11 X X	XX	XXXX	KINNATI	W	4	<u>}</u>
10 1022 022	WI G	17:15	16 X		XXXX		N	- $Q$	<u> </u>
11 110321 823	WT G	11/03/4 07:36	II XX	X X	XXXX	XXXX	N	<u> </u>	
12 /10321 024	W) G	1 1 08 32	11 1/2 >		NKNK		N	0	
ADDITIONAL COMMENTS	RELINQUISHED BY /	AFFILIATION DATE	TIME	ACCEPTED BY	/ AFFILIATION	DATE TIME	À	SAMPLE COND	TIONS
A Level 2 etals- As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Fe, Mn	Er/han	60/1 1/103/	2 10:15	Sulpher thy	ska /PACE	1/03/20 1015	31	YW	4
,2,4- Trimethylbenzene (8260)	ļ			/ /		4	<del>  " '  </del>		
							1		
,3,5- Trimethylbenzene (8260)		SAMPLER NAME AND SIGNATI	Komentenya (pochaj krasinia) IIDE organisti (krasinia)					- Pel G	ਰ ਹ
		PRINT Name of SAMPLE	establica de la Pille di Mala Libratio				Temp in °C	Wed o	N. (S. Int
		SIGNATURE of SAMPLE			DATE Signed (MM/DD/YY):		Temp	Received on Ice (Y/N) Custody Sealed	Samples Intact (Y/N)

# Sample Preservation Receipt Form

Client Name: Project # 1023(57)6

All containers needing preservation have been checked and noted below: Pres INO IN/A

Lab Lot# of pH paper: 1000 1004

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

Initial when completed: Time:

										Lab	Lot# o	of pH p	paper:	101	$\infty$	<u>0</u>	La	b Std	#ID of	prese	rvatio	n (if p	H adju	sted):					comp	neteų.	W	-1 IIII e.	
				Gl	ass						Plast	tic				Vi	als				J	ars		G	enera	ıl	s (>6mm) *	1 52	Act pH ≥9	pH ≥12	52	djusted	Volume
Pace Lab#	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	везп	BP1U	врзи	врзв	BP3N	BP3S	VG9A	DG9T	VG9U	<b>V</b> G9H	VG9M	VG9D	JGFU	വദാവ	WGFU	WPFU	SP5T	ZPLC	S S S	VOA Vials	H2SO4 pH	NaOH+Zn	NaOH pH	на волн	pH after adjusted	(mL)
001					12	12				1		1	1				9											V			)		2.5 / 5 / 10
002					12	$\mathcal{L}$		Titler BEARS						HOUSE MARK			15			2.039						1-1-1 61.141		1					2,5 / 5 / 10
003					2	3				1		1	١				6											V					2.5 / 5 / 10
004	iguar Vesti	和推動 指記記			21	1				13		N.			2.5		6				医蒙							الما ا			سن ا		2.5/5/10
005	,				1/[3]	7																											2.5 / 5 / 10
006									ACTA PERCH	11/12/	25 (5) (4) (4) (5) (4)											Sin		12 12 12 12 12 12 12 12 12 12 12 12 12 1		10 to 1						基数	2.5 / 5 / 10
007				_																													2.5 / 5 / 10
008					30		(建設) (左25)													15/17		ANCE OF	100000 100000	ereside Notable					建設				2.5/5/10
009																																	2.5 / 5 / 10
010					K. M											協議								には特別	ajili.			裁阅					2,5 / 5 / 10
011																																	2.5 / 5 / 10
012											1544	มีรัสสิทธิ์ มหารเปิด	Total			755								Mail:			Mise		YOUNG STAFFY				2.5/5/10
013																																	2.5 / 5 / 10
014					Property of			Section Av Section Av Section Sec	17 (34.25) 18 (35.44) 18 (36.44)	CONTRACTOR OF THE PERSON OF TH		PACESTAL SAL	APPROPRIES		No. of the last of	6.20			Locations National	Acres		ra comp	SOCIAL IN	ELECTRICAL SERVICES	State State	HAZELE PARTERS	Part of	interesta Laborata	evene. Allean	ardordi Vizicoli	indeligation Educations	de Languer	2.5 / 5 / 10°
015																																	2.5 / 5 / 10
016		257							Tulique States							5.75							8	TI	312	her-				1.00 pt	W.J.		2.5/5/10
017																																	2.5 / 5 / 10
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019																											abla						2.5 / 5 / 10
020						7.1	er er Karel			1000			CTIALS STATE	1558					10.		Victoria Table		10.11								<b>\$</b>		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 ANO "N/A \*If yes look in headspace column AG1U 1 liter amber glass BP1U 1 liter plastic unpres VG9A 40 mL clear ascorbic **JGFU** 4 oz amber jar unpres BG1U 1 liter clear glass BP3U 250 mL plastic unpres DG9T JG9U 9 oz amber jar unpres 40 mL amber Na Thio AG1H 1 liter amber glass HCL BP3B 250 mL plastic NaOH WGFU 4 oz clear jar unpres VG9U 40 mL clear vial unpres AG4S 125 mL amber glass H2SO4 **BP3N** 250 mL plastic HNO3 VG9H 40 mL clear vial HCL

AG4U 120 mL amber glass unpres AG5U 100 mL amber glass unpres AG2S 500 mL amber glass H2SO4 BG3U 250 mL clear glass unpres 250 mL plastic H2SO4 VG9M 40 mL clear vial MeOH VG9D 40 mL clear vial DI

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

Page 1 of \_\_\_\_\_

BP3S

Pace Analytical \*
1241 Bellevue Street, Green Bay, WI 54302

Document Name:

Sample Condition Upon Receipt (SCUR)

Document No.:

ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020

Author:

Pace Green Bay Quality Office

# Sample Condition Upon Receipt Form (SCUR)

				Project #:	
Client Name: 086				MO# · A	10236296
Courier: CS Logistics Fed Ex Speedee		UPS	□ W	altco	TOZOCZOC
MacLo Client Pace Other:					111 <b>2</b> 12 11 2 218
Tracking #: 5092 4917 46	18	6		40236296	
Custody Seal on Cooler/Box Present: yes	no	Seals	intact:	yes no	
Custody Seal on Samples Present:	1	1		☐ yes ☐ no	
Packing Material: Bubble Wrap Bubble	_	1.		Other	
	· 1		VIEW-	Blue Dry None Samples o	n ice, cooling process has begun  Person examining contents:
Cooler Temperature Uncor 3,4/Corr 2,1	-/		/*/ giogl T	icous is Erszen, Ewssell no	
Temp Blank Present: yes no		DIOIO	gicai i	issue is Frozen: ☐ yes☐ no	Date: 11312 /Initials.
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry	Ice.				Labeled By Initials: SRIC
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:	ØYes	□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	<b>⊒</b> ₩	·	7.	
Sufficient Volume:		1	, , , , ,	8.	
For Analysis: Pres DNo MS/MSD:	∐Yes_	No	□n/a		
Correct Containers Used:	☑ Yes	□No		9.	
-Pace Containers Used:	Yes	□No	□n/a		
-Pace IR Containers Used:	□Yes	 □No	LEN/A		
	√Yes .	□No		10.	
Filtered volume received for Dissolved tests	☐ Yes	□No	□n/A	11.	
	Yes	□No	□n/a	12.	
-Includes date/time/ID/Analysis Matrix:	W	1		·	
Trip Blank Present:	<del></del>	DW6	N/A	13.	
Trip Blank Custody Seals Present	□Yes	1			
Pace Trip Blank Lot # (if purchased):	3				
Client Notification/ Resolution:			5	•	ched form for additional comments
Person Contacted:	1	1	_Date/	i ime:	
Comments/ Resolution:	1	<del>                                     </del>			
	-	_	-		
	1	+-			
PM Review is documented electronically in LIMs	. By re	leasi	ng the	project, the PM acknowledges th	ley have reviewed the sample logii

Page 2 of 2



#### 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

rand Nomina.

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

Mr. Steven M. Grenier, P.E. City of Green Bay February 2, 2022 Page 2

CC: Project file

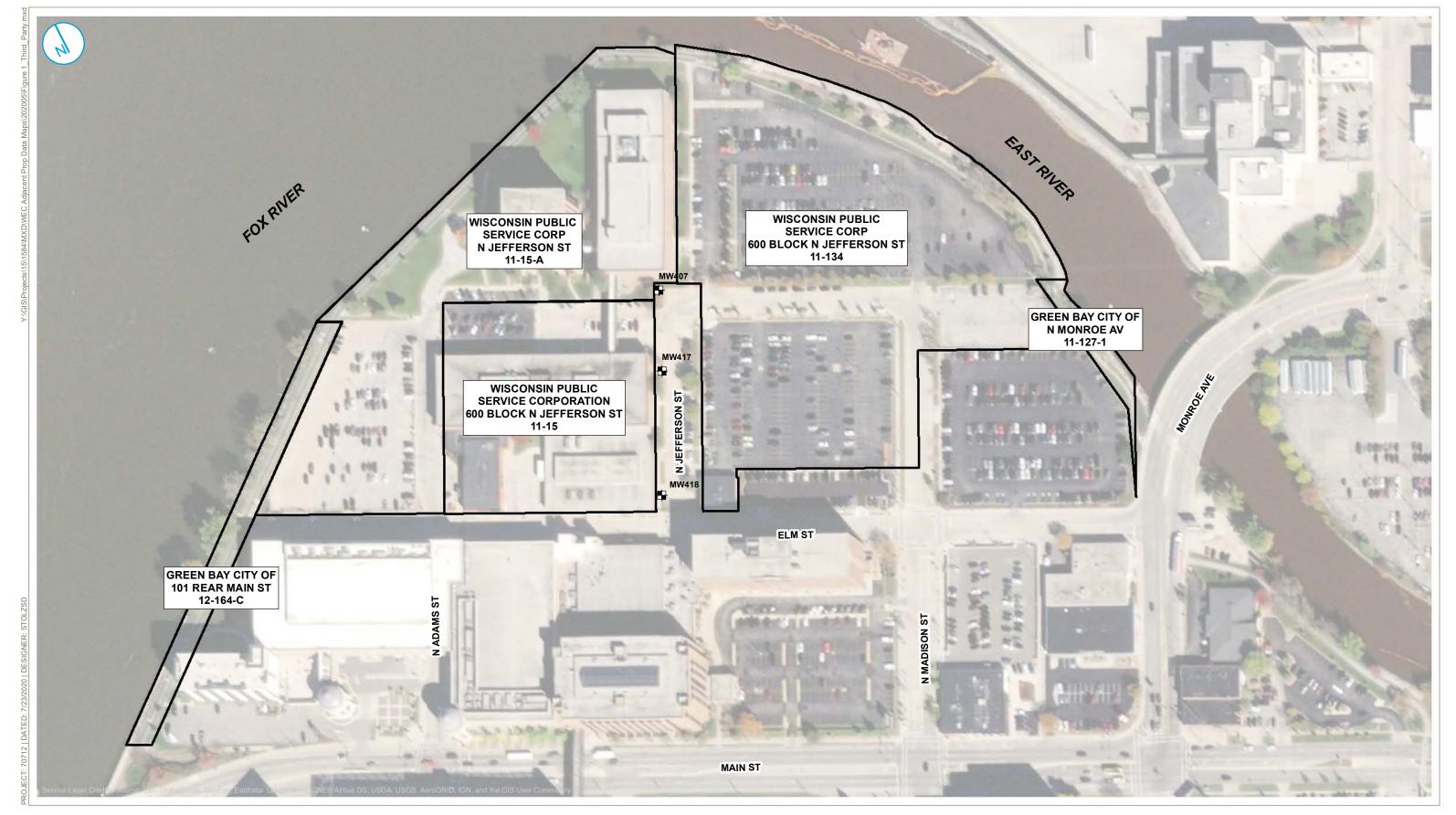
USEPA RPM – Leah Werner (via email)

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**



MONITORING WELL LOCATION PROPERTY LINE

CITY OF GREEN BAY BRRTS# 02-05-000254

> RAMBOLL US CORPORATION A RAMBOLL COMPANY

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

RAMBOLL

FIGURE 01

# **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 <sup>1</sup>	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
	14/1	Cuarradirectan EC:	NC	NC	400	-	700	000	L NC	NC I	3.000	NC	NC	NC	L NC	3.000	l NC	0.2	0.2 1	NC	NC	0.3	l NC	400	1 400	NC	100	NC I	350
		Groundwater ES:	NS	NS	480	5	700	800	NS NS	NS NS	2,000	NS	NS	NS	NS	3,000	NS	0.2	0.2	NS NS	NS NS	0.2	NS	400	400	NS	100	NS	250
	WIG	roundwater PAL:	<u>NS</u>	<u>NS</u>	96	0.5	<u>140</u>	<u>160</u>	<u>NS</u>	<u>NS</u>	<u>400</u>	<u>NS</u>	NS NS	<u>NS</u>	<u>NS</u>	<u>600</u>	<u>NS</u>	0.02	0.02	<u>NS</u>	<u>NS</u>	<u>0.02</u>	<u>NS</u>	80	80	<u>NS</u>	<u>10</u>	<u>NS</u>	<u>50</u>
110121001	MW-418	11/01/2021	0.45 U	0.26 11	0.01	0.30 U	0.22 11	0.29 U	0.25 11	0.70	10 11	0.028 J	0.022	0.012 11	0.012 U	0.017 11	0.012 11	0.018 U	0.018 U	0.022 U	0.021 U	0.025 * U	0.017 U	0.024 U	0.022 11	0.014 U	0.042	0.024 U	0.021 U
	+	<del></del> -	0.15	0.30 0	0.01		0.33 U		0.33 0	0.70 U	1.0 0		0.032 J	0.013 U		0.017 0	0.013 U	0.010 U							0.022 U		0.042 J		
110121002	MW-417	11/01/2021	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	U.35 U	U./U U	1.0 0	0.025 J	0.022 J	0.013 0		0.018 U	0.013 0	0.019 0		0.022 U			0.017 U	0.025 U	0.022 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

ı	Bold	attains or exceeds the WI Groundwater ES
ı	Underline	attains or exceeds the WI Groundwater PA

#### Results & Flags:

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

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

- <u>Superscripts</u>:

  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

		93														<i>-</i>	<u> </u>						
			Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	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	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
										_						4				1			
		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
	<u>WI G</u>	roundwater PAL:	1	<u>400</u>	<u>0.5</u>	<u>10</u>	<u>150</u>	<u>1.5</u>	<u>60</u>	<u>0.2</u>	<u>10</u>	<u>10</u>	<u>125,000</u>	<u>2,000</u>	<u>125,000</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>
110121001	MW-418	11/01/2021	0.56 U	291	0.30 U	2.0 U	116 U	0.47 U	<u>779</u>	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	<u>751</u>	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

Sorted by 9-digit Code

Bold attains or exceeds the WI Groundwater ES <u>Underline</u> 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

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- <u>Superscripts</u>:

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

## LABORATORY REPORTS

(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

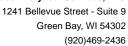
(920)469-2436 Project Manager

LVM

**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







#### **CERTIFICATIONS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

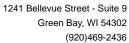
Pace Analytical Services Green Bay

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





### **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



### **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



#### **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:**



#### **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.

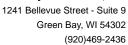
#### **Additional Comments:**

**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





#### **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



#### **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:**



#### **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:**



#### **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:**

(920)469-2436



#### **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

(920)469-2436



#### **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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

Sample: 110121001	Lab ID:	40236297001	Collected	: 11/01/21	12:43	Received: 11/	03/21 10:15 N	latrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical	Method: EPA 8	015B Modifie	ed					
	Pace Anal	ytical 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 6	020B Prepa	ration Metl	nod: EF	A 3010A			
	-	ytical Services							
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 7	470 Prepara	ation Metho	od: EPA	7470			
,		ytical Services							
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 8	270E by SIM	1 Preparat	ion Met	hod: EPA 3510			
	•	ytical Services	•						
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		
Surrogates		J							
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 8	260						
	-	ytical Services							
		,	,						



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

Sample: 110121001	Lab ID: 4	10236297001	Collected:	11/01/21	12:43	Received: 11/	03/21 10:15 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical N	/lethod: EPA 8	260						
	Pace Analy	tical 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		
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 N	Nethod: EPA 3	0.00						
	,	tical Services							
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 N	/lethod: EPA 3	53.2						
333.2 Nitrogen, NO2/NO3 pres.	•	tical Services							
Nitrogen, NO2 plus NO3	1.4	mg/L	0.25	0.059	1		11/16/21 13:23		
Sample: 110121002	Lab ID: 4	10236297002	Collected:	11/01/21	13:25	Received: 11/	03/21 10:15 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	- — — — — Analytical N	Method: EPA 8	O15B Modifie					<u> </u>	~
,,	•	tical Services							
Methane			Ciccii Day						
	608	ug/L	14.0	2.9	5		11/10/21 12:54	74-82-8	
6020B MET ICPMS Dissolved		Ü	14.0			PA 3010A	11/10/21 12:54	74-82-8	
6020B MET ICPMS, Dissolved	Analytical N	/lethod: EPA 6	14.0 020B Prepai			<sup>P</sup> A 3010A	11/10/21 12:54	74-82-8	
	Analytical N Pace Analy	Method: EPA 60 tical Services	14.0 020B Prepar - Green Bay	ration Metl	nod: EF				
Arsenic, Dissolved	Analytical N Pace Analy 2.2	Method: EPA 60 tical Services - ug/L	14.0 020B Prepar - Green Bay 2.0	ration Metl 0.56	nod: EF	11/05/21 07:57	11/18/21 13:49	7440-38-2	
Arsenic, Dissolved Barium, Dissolved	Analytical N Pace Analy 2.2 473	Method: EPA 60 tical Services of ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7	ration Metl 0.56 1.4	nod: EF 2 2	11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3	
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved	Analytical N Pace Analy 2.2 473 <0.30	Method: EPA 6/ tical Services - ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0	0.56 1.4 0.30	2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9	D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0	Method: EPA 60 tical Services of ug/L ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0 6.8	0.56 1.4 0.30 2.0	2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3	D3 D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0 9980	Aethod: EPA 60 tical Services of ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0 6.8 500	0.56 1.4 0.30 2.0 116	2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6	D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47	Jethod: EPA 60 tical Services of ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0 6.8 500 2.0	0.56 1.4 0.30 2.0 116 0.47	2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1	
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47 751	Aethod: EPA 60 tical Services of ug/L ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0 6.8 500 2.0 8.1	0.56 1.4 0.30 2.0 116 0.47 2.4	2 2 2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5	D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47 751 <0.63	Jethod: EPA 60 tical Services ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepart Green Bay 2.0 4.7 2.0 6.8 500 2.0 8.1 2.1	0.56 1.4 0.30 2.0 116 0.47 2.4 0.63	2 2 2 2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved	Analytical N Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47 751	Aethod: EPA 60 tical Services of ug/L ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepar - Green Bay 2.0 4.7 2.0 6.8 500 2.0 8.1	0.56 1.4 0.30 2.0 116 0.47 2.4	2 2 2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3
Arsenic, Dissolved Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Selenium, Dissolved Silver, Dissolved	Analytical M Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47 751 <0.63 <0.25	Aethod: EPA 60 tical Services ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepara - Green Bay 2.0 4.7 2.0 6.8 500 2.0 8.1 2.1 1.0	0.56 1.4 0.30 2.0 116 0.47 2.4 0.63 0.25	2 2 2 2 2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3
Barium, Dissolved Cadmium, Dissolved Chromium, Dissolved Iron, Dissolved Lead, Dissolved	Analytical M Pace Analy 2.2 473 <0.30 <2.0 9980 <0.47 751 <0.63 <0.25	lethod: EPA 60 tical Services ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	14.0 020B Prepara - Green Bay 2.0 4.7 2.0 6.8 500 2.0 8.1 2.1 1.0	0.56 1.4 0.30 2.0 116 0.47 2.4 0.63 0.25	2 2 2 2 2 2 2 2 2 2 2	11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57 11/05/21 07:57	11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49 11/18/21 13:49	7440-38-2 7440-39-3 7440-43-9 7440-47-3 7439-89-6 7439-92-1 7439-96-5 7782-49-2	D3 D3 D3



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

Sample: 110121002	Lab ID:	<b>Lab ID: 40236297002</b> Collected: 11/01/21 13:25 Received: 11/03/21 10:15 Matrix: Water										
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua			
3270E MSSV PAH	Analytical	Method: EPA 8	3270E by SIN	/ Preparat	ion Me	thod: EPA 3510						
	Pace Anal	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	<0.013	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30					
Anthracene	<0.012	ug/L	0.047	0.012	1	11/05/21 08:35	11/09/21 14:30					
Benzo(a)anthracene	<0.013	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30					
Benzo(a)pyrene	<0.019	ug/L	0.047	0.019	1	11/05/21 08:35	11/09/21 14:30					
Benzo(b)fluoranthene	<0.018	ug/L	0.047	0.018	1	11/05/21 08:35	11/09/21 14:30					
Benzo(g,h,i)perylene	<0.022	ug/L ug/L	0.047	0.010	1	11/05/21 08:35	11/09/21 14:30					
Benzo(k)fluoranthene	<0.022	ug/L ug/L	0.047	0.022	1	11/05/21 08:35	11/09/21 14:30					
Chrysene	<0.021	ug/L ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:30					
Dibenz(a,h)anthracene	<0.023	ug/L ug/L	0.047	0.023	1	11/05/21 08:35	11/09/21 14:30					
Fluoranthene	<0.017	-	0.047	0.017	1	11/05/21 08:35	11/09/21 14:30					
	<0.025 <0.022	ug/L					11/09/21 14:30					
Fluorene		ug/L	0.047	0.022	1	11/05/21 08:35						
ndeno(1,2,3-cd)pyrene	<0.015	ug/L	0.047	0.015	1	11/05/21 08:35	11/09/21 14:30					
-Methylnaphthalene	0.025J	ug/L	0.047	0.017	1	11/05/21 08:35	11/09/21 14:30		L2			
-Methylnaphthalene	0.022J	ug/L	0.047	0.013	1	11/05/21 08:35	11/09/21 14:30					
laphthalene	0.040J	ug/L	0.047	0.019	1	11/05/21 08:35	11/09/21 14:30					
henanthrene	<0.024	ug/L	0.047	0.024	1	11/05/21 08:35	11/09/21 14:30					
Pyrene	<0.021	ug/L	0.047	0.021	1	11/05/21 08:35	11/09/21 14:30	129-00-0				
Surrogates	70	0/	40 440		4	44/05/04 00:05	44/00/04 44:20	204 60 0				
2-Fluorobiphenyl (S)	72	%	10-113		1	11/05/21 08:35	11/09/21 14:30					
erphenyl-d14 (S)	75	%	28-124		1	11/05/21 08:35	11/09/21 14:30	1718-51-0				
260 MSV UST		Method: EPA 8										
	Pace Anal	ytical 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				
oluene	<0.29	ug/L	1.0	0.29	1		11/05/21 11:11	108-88-3				
,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/21 11:11	95-63-6				
,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/21 11:11	108-67-8				
(ylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/21 11:11	1330-20-7				
n&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		3										
Foluene-d8 (S)	109	%	70-130		1		11/05/21 11:11	2037-26-5				
I-Bromofluorobenzene (S)	105	%	70-130		1		11/05/21 11:11	460-00-4				
,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/05/21 11:11					
00.0 IC Anions	Analytical	Method: EPA 3	300.0									
	Pace Anal	ytical Services	- Green Bay									
Sulfate	3.3J	mg/L	10.0	2.2	5		11/19/21 00:00	14808-79-8	B,D3			
853.2 Nitrogen, NO2/NO3 pres.	Analytical	Method: EPA 3	353.2									
	-	ytical Services										
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/21 13:24		MO			
anogon, 1402 plus 1400	<b>~0.03</b>	mg/L	0.20	0.000	'		11/10/21 13.24		IVIO			



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

Sample: 110121003	Lab ID:	40236297003	Collected	l: 11/01/21	14:28	Received: 11/	03/21 10:15 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical	Method: EPA 8	015B Modifi	ed					
	Pace Anal	ytical Services	- Green Bay	1					
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 6	020B Prepa	aration Met	hod: FF	PA 3010A			
oozob mer for mo, biosoffed	-	ytical Services				71001071			
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 7	470 Prepar	ation Meth	od: EPA	7470			
,	-	ytical Services							
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 8	270E by SIN	// Preparat	tion Met	hod: EPA 3510			
	•	ytical Services	-	•					
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		11/10/21 10:52		
Surrogates		J							
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 82	260						
	D AI	utical Camilaga	Croon Boy						
	Pace Anai	ytical Services	- Green bay	′					



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

8260 MSV UST  Ethylbenzene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	Lub ID.	40236297003	Collected	l: 11/01/21	14:28	Received: 11/	03/21 10:15 Ma	atrix: Water	
Ethylbenzene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	esults	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Ethylbenzene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	Analytica	Method: EPA 8	260						
Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	Pace Ana	lytical Services	- Green Bay	,					
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/21 09:39	100-41-4	
1,3,5-Trimethylbenzene	<0.29	ug/L	1.0	0.29	1		11/05/21 09:39	108-88-3	
-	< 0.45	ug/L	1.0	0.45	1		11/05/21 09:39	95-63-6	
	< 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	Analytica	Method: EPA 3	0.00						
ı	Pace Ana	lytical 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.	Analytica	Method: EPA 3	53.2						
•	Pace Ana	lytical Services	- Green Bay	,					
Nitrogen, NO2 plus NO3	0.078J	mg/L	0.25	0.059	1		11/16/21 13:27		

(920)469-2436



#### **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 401260 Analysis Method: EPA 8015B Modified

QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethane GCV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2316819 Matrix: Water

Associated Lab Samples: 40236297001, 40236297002, 40236297003

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Methane ug/L <0.58 2.8 11/10/21 08:47

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

Spike LCS **LCSD** LCS LCSD % Rec Max RPD RPD Qualifiers Parameter Units Conc. Result Result % Rec % Rec Limits

Methane ug/L 28.6 29.4 29.2 103 102 80-121 0 20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

MS MSD

40236297003 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result **RPD** RPD Qual Result Conc. Result % Rec % Rec Limits

Methane ug/L 771 286 286 1340 1430 199 229 10-200 6 20 M1

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.

(920)469-2436



#### **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

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: 40236297001, 40236297002, 40236297003

METHOD BLANK: 2318496 Matrix: Water

Associated Lab Samples: 40236297001, 40236297002, 40236297003

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Mercury, Dissolved ug/L <0.066 0.20 11/15/21 11:05

LABORATORY CONTROL SAMPLE: 2318497

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Mercury, Dissolved ug/L 5 5.2 104 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 400804 Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A 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

		Blank	Reporting		
Parameter	Units	Result	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	

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 S	SPIKE DUPLI	CATE: 2314	456 MS	MSD	2314457							
Parameter	Units	40236297003 Result	Spike Conc.	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	

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 400687 Analysis Method: EPA 8260

QC Batch 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

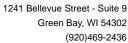
Associated Lab Samples: 40236297001, 40236297002, 40236297003

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	

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPI	ICATE: 2313	552 MS	MSD	2313553							
Parameter	Units	40236297003 Result	Spike Conc.	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	<u></u>
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.





Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 400805 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 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	
ndeno(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	

Parameter Units Spike LCS LCS % Rec Limits  1-Methylnaphthalene ug/L 2 1.4 70 71	
	;
1 Methylpophthologo	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 5	1-99
Benzo(a)anthracene ug/L 2 1.4 71 5	2-92
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

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

LABORATORY CONTROL SAMPLE:	2314459					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 S	PIKE DUPLIC	ATE: 2314	460		2314461							
			MS	MSD								
	4	0236297003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 402227 QC Batch Method: EPA 300.0 Analysis Method: EPA 300.0

Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical

Pace Analytical Services - Green Bay

Associated Lab Samples: 40236297002, 40236297003

METHOD BLANK: 2322987 Matrix: Water

Associated Lab Samples: 40236297002, 40236297003

Parameter Units Result 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

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990 MS MSD 40236296004 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual Chloride mg/L 3260 10000 10000 14400 14200 111 109 90-110 15 M0 Sulfate 312J 10000 10000 11000 10900 107 106 90-110 mg/L 15

2322991 MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322992 MS MSD 40236297003 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec **RPD RPD** Qual Limits 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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 402378 Analysis Method:
QC Batch Method: EPA 300.0 Analysis Description:

Laboratory: Pace Analytical Services - Green Bay

EPA 300.0

300.0 IC Anions

Associated Lab Samples: 40236297001

METHOD BLANK: 2324301 Matrix: Water

Associated Lab Samples: 40236297001

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L <0.44 2.0 11/22/21 10:55

LABORATORY CONTROL SAMPLE: 2324302

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2324303 2324304

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

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: 40236297001, 40236297002

METHOD BLANK: 2320786 Matrix: Water

Associated Lab Samples: 40236297001, 40236297002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, NO2 plus NO3 mg/L <0.059 0.25 11/16/21 13:05

LABORATORY CONTROL SAMPLE: 2320787

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320788 2320789

MS MSD

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320790 2320791

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

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

QC Batch: 401869 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: 40236297003

METHOD BLANK: 2320792 Matrix: Water

Associated Lab Samples: 40236297003

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, NO2 plus NO3 mg/L <0.059 0.25 11/16/21 13:26

LABORATORY CONTROL SAMPLE: 2320793

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Nitrogen, NO2 plus NO3 mg/L 2.5 2.5 102 90-110

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320794 2320795

MS MSD

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

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

MS MSD 40236793002 MS MSD MS MSD % Rec Spike Spike Max **RPD** RPD Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits 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.



#### **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**

Date: 11/24/2021 02:13 PM

В	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.



# **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236297

Date: 11/24/2021 02:13 PM

_ab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10236297001	110121001	EPA 8015B Modified	401260	Δ.	- X.
10236297002	110121002	EPA 8015B Modified	401260		
10236297003	110121003	EPA 8015B Modified	401260		
10236297001	110121001	EPA 3010A	400804	EPA 6020B	400872
10236297002	110121002	EPA 3010A	400804	EPA 6020B	400872
10236297003	110121003	EPA 3010A	400804	EPA 6020B	400872
10236297001	110121001	EPA 7470	401563	EPA 7470	401597
10236297002	110121002	EPA 7470	401563	EPA 7470	401597
10236297003	110121003	EPA 7470	401563	EPA 7470	401597
10236297001	110121001	EPA 3510	400805	EPA 8270E by SIM	400853
10236297002	110121002	EPA 3510	400805	EPA 8270E by SIM	400853
10236297003	110121003	EPA 3510	400805	EPA 8270E by SIM	400853
10236297001	110121001	EPA 8260	400687		
10236297002	110121002	EPA 8260	400687		
10236297003	110121003	EPA 8260	400687		
10236297001	110121001	EPA 300.0	402378		
10236297002	110121002	EPA 300.0	402227		
10236297003	110121003	EPA 300.0	402227		
10236297001	110121001	EPA 353.2	401868		
10236297002	110121002	EPA 353.2	401868		
10236297003	110121003	EPA 353.2	401869		



# CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Coct.	01253-1	21 - 00
	0236	
Pa	age: / of	<u>~</u>

Section lequin	n A ed Client Information:	Section B Required Project Information:		Section C Invoice Information:			Page:	1 .	3
ompa	ny: O'Brien & Gere	Report To: GDSdata@OBG	G.com	Attention: Accounts Payable					
ddres	234 W. Florida St	Copy To: Staci Goetz		Company Name: WEC Business	Services, LLC	REGULATORY AGENCY		ale de la companya d	
	Milwaukee, WI			Address: PO Box 19800, Gre	en Bay, WI 54307	□ NPDES □ GROU	ND WATER	R 🗀 DRIN	KING WATER
mail T	o: GDSdata@OBG.com	Purchase Order No.:		Pace Quote Reference:		□ UST □ RCRA		OTHE	ER
hone:	414-335-3563 Fax:	Project Name: Green Bay	Former MGP	Pace Project Manager:		Site Location			
eques	ted Due Date/TAT: standard	Project Number: 194010125	3	Pace Profile #:		STATE: WI			
						Analysis Filtered (Y/N)			
	Section D Valid Matrix ( Required Client Information MATRIX	Codes (a) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	COLLECTED	Preservatives	X N N N N	YNN			
ITEM#	DRINKING WATER WATER WASTE WAS	MATRIX CODE (see valid codes to SAMPLE TYPE (G=GRAB C=CO	APOSITE COMPOSITE ENDIGRAB START ENDIGRAB START ENDIGRAB START ENDIGRAB START ENDIGRAB START ENDIGRAPHICAL ENDIGRA	# OF CONTAINERS Unpreserved H <sub>2</sub> SO <sub>4</sub> HNO <sub>3</sub> HCI NaOH Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Methanol Other	is Test[ 60) nethylbenzene** nethylbenzene** 70) HVI	Methane (8015B)	Residual Chlorine (Y/N)	Pace Proj	ject No./ Lab I.D.
1	110121001	WT6 \	11/01/21 12:431	<u> </u>	XXXX	<u> </u>	N		
2	110121002	w G	13:25	<u> </u>		XXXX III	N	3	<u> </u>
3	110127003	WT G	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33 X X X X		XXXX	N	(3)	MS/MSD () OS
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7	110121007	WI G	17:42	II ANNA	NAKKI I		N	( <u>)</u>	
8	110121008	w76	A 18:00	16 X XX		X'	N	<b>Ø</b>	
9	110221009	WT 6	111044 07.43	II VANU		AXAX	N	(i)	
10	110221 010	WT G	08:21	II XXXXX	NXXX	<u> </u>	N	<u>(i)</u>	
11	110221011	WI 6	1 09:14	N XXXX I I	N X X X X	MAKK	N		
12	NOZ21012	WT 6	V 10:09	$ I  \times \times \times \times  X $	XXXX	XXXX	N	$\overline{(1)}$	
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etais-/	As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Fe, Mn		' ' '					ŀ	
.2,4- T	rimethylbenzene (8260)				· · · · · · · · · · · · · · · · · · ·				
,3,5- T	rimethylbenzene (8260)								
			SAMPLER NAME AND SIGNATU	RE 2002 III III III III III III III III II			ņ	8 <u></u>	s intact
			PRINT Name of SAMPLER	MAY PERSONAL PROPERTY AND THE PROPERTY OF THE	**************************************		Temp in	Received on Ice (Y/N)	les (Y/N)
			SIGNATURE of SAMPLER	:	DATE Signed (MM/DD/YY):		7 5	Reci los	Cooler (Y/N) Samples Intact (Y/N)

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

Sample Preservation Receipt Form

Client Name: All containers needing preservation have been checked and noted below: ₩es □No □N/A

Initial when 1 , Date/

	All	i conta	mers	neea	ng pre	serva	uon n	ave b	een ci				,-	101:		_	2	Std #	#ID of	prese	rvation	n (if ph	d adju:	sted):					comp	letet:	W	-Time:	
	Glass Plastic										als				Ja	ars		Ge	enera	ı	(>6mm) *		Act pH ≥9	212	<b>5</b> 2		Volume						
Pace Lab#	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	VOA Vials	H2SO4 pH ≤2	NaOH+Zn ,	NaOH pH 2	HOO3 pH	pH after adjusted	(mL)
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AG1U	1 li	ter an	ıber (	glass	;			В	P1U	1 lit	er pla	stic L	inpres	<del></del>	-	V	G9A	40 n	nL cle	ar as	corbi	c		J	3FU	4 oz	z amb	oer ja	r unpr	es			7
BG1U									P3U	250	mLp	olastic	unpr	es		D	G9T	1	nL an						G9U	1			r unpr				
AG1H									РЗВ				NaC							GFU													
AG4S									P3N			olastic	HNC							ar via					PFU		4 oz plastic jar unpres						4

AG4U 120 mL amber glass unpres BP3S 250 mL plastic H2SO4 40 mL clear vial MeOH 120 mL plastic Na Thiosulfate SP5T VG9M AG5U 100 mL amber glass unpres ziploc bag 40 mL clear vial DI VG9D **ZPLC** AG2S 500 mL amber glass H2SO4 GN BG3U 250 mL clear glass unpres

Pace Analytical \*

1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document No.: ENV-FRM-GBAY-0014-Rev.00 Document Revised: 26Mar2020

Author:

Pace Green Bay Quality Office

# Sample Condition Upon Receipt Form (SCUR)

Client Name: DRG				Project #:	ПО# .	40000007
		IDC	- 	latta.	MO# : 4	40236297
Courier: CS Logistics Fed Ex Speede	= I	UPS	1) VV	railC0		
Muster 5092 4917 40	18	10			40236297	
Custody Seal on Cooler/Box Present:  yes	no l	Seals	intact.	yesno	.0	
Custody Seal on Samples Present: Lyes	<b>-</b>	i		☐ yes ☐ no	<u> </u>	
Packing Material: Bubble Wrap Bubble		ł	None	•		
	14	f Ice:	MO	Blue Dry None	Samples or	n ice, cooling process has begun
Cooler Temperature Uncord 3 4 /Corr 2	-/	1,	<i>-</i>			Person examining contents:
Temp Blank Present:  yes ' ☐ no	1	Biolo	gical T	issue is Frozen: [	yes no	Date: 11312 /Initials: 100
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry	Ice.					Labeled By Initials:
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:	ØYes _	□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	<b>⊒</b> ₩0		7.		
Sufficient Volume:				8.		
For Analysis: Tyes No MS/MSD:	Pes	[ □No_	□n/a			
Correct Containers Used:	☑ Yes	□No		9.		
-Pace Containers Used:	Yes	□No	□n/a			
-Pace IR Containers Used:	Yes	□No	<b>J</b> ₩/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	DNo.	□n/a	13.		
Trip Blank Custody Seals Present	□Yes	□No	DAVIA			
Pace Trip Blank Lot # (if purchased):				<u> </u>		· · · · · · · · · · · · · · · · · · ·
Client Notification/ Resolution:  Person Contacted:	:		Date/		necked, see attac	ned form for additional comments
Comments/ Resolution:	i					
		1				
	<u> </u>	<u> </u>				
PM Review is documented electronically in LIMs	. By re	leasi	ng the	project, the PM ack	cnowledges the	ey have reviewed the sample logi

Page 2 of 2



#### 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

part Nomina.

WEC Business Services - Environmental Dept.

Mr. Jeffery Weyers Harbinger Development, LLC February 2, 2022 Page 2

Enc: Figure 1. Harbinger Development, LLC

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

LLC.

Laboratory Data Report - 40236298\_frc

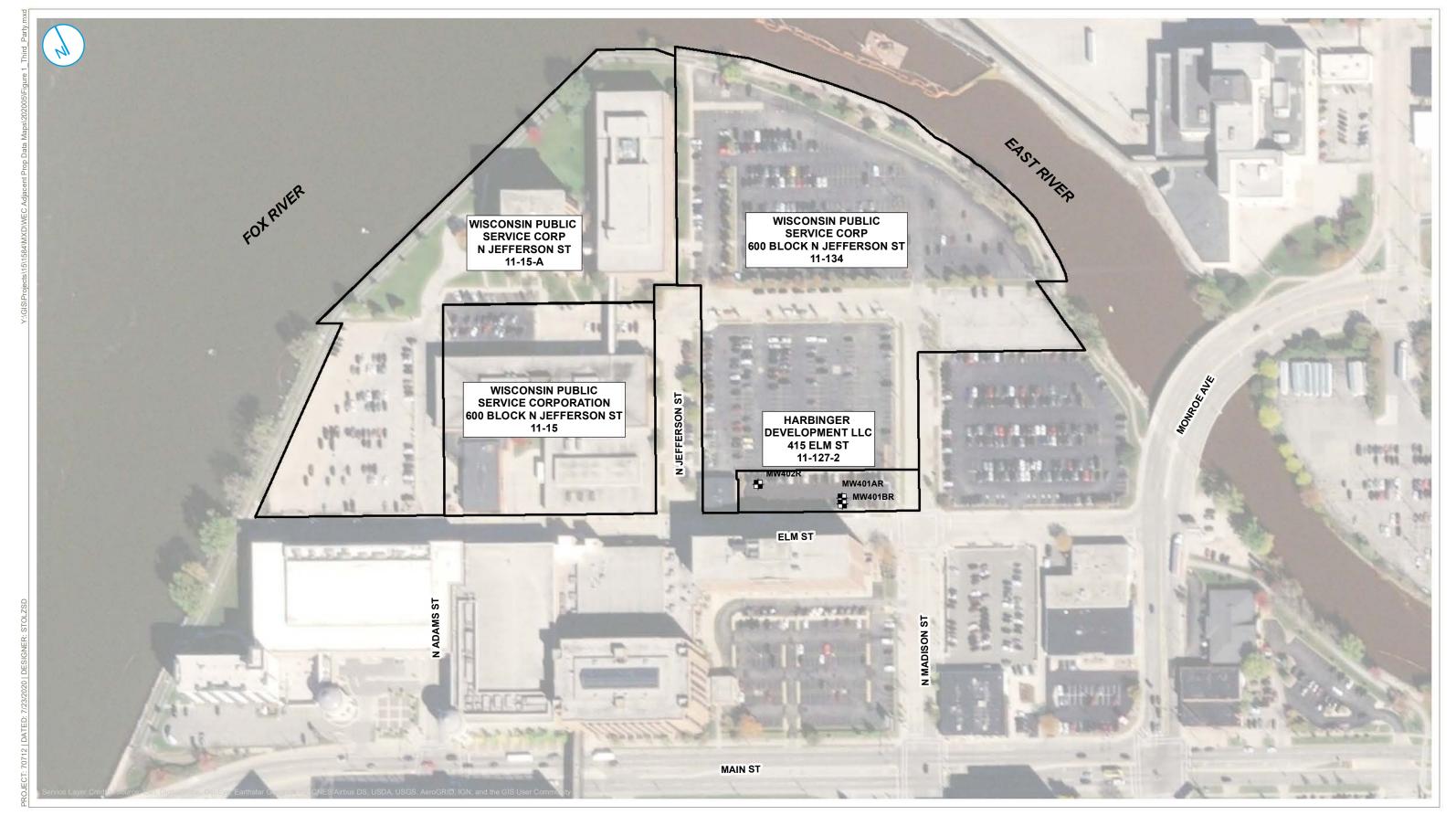
cc: USEPA RPM – Leah Werner (via email)

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

HARBINGER DEVELOPMENT, LLC BRRTS# 02-05-000254

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

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

RAMBOLL

FIGURE 01

# **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

		Ī	DVOC	DV/OC	D)/OC	DV/OC	DVOC	DVOC	DVOC	D)/OC	D)/OC	DALL	DALL	DALL	DALL	DAII	DALL	DALL	DALL	DALL	PAH	DALL	DALL	PAH	DALL	DALL	PAH	DALL	DAIL
			PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAR	PAH	PAH	PAH	PAH	PAH	PAR	PAH	PAH
9-digit Code	Sample Location	Sample Date	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total <sup>1</sup>	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
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8	WIC	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
	<u>WI G</u>	roundwater PAL:	<u>NS</u>	<u>NS</u>	<u>96</u>	<u>0.5</u>	<u>140</u>	<u>160</u>	<u>NS</u>	<u>NS</u>	<u>400</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>600</u>	<u>NS</u>	0.02	0.02	<u>NS</u>	<u>NS</u>	0.02	<u>NS</u>	<u>80</u>	<u>80</u>	<u>NS</u>	<u>10</u>	<u>NS</u>	<u>50</u>
	100 m			4 4	40 40 40	77.	24 2 3 3										7		3 00 00			10 10		30					
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	<u>267</u>	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

<u>Underline</u> 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

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

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

			Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	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	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
																4					,		
		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 G	Groundwater PAL:	<u>1</u>	<u>400</u>	<u>0.5</u>	<u>10</u>	<u>150</u>	<u>1.5</u>	<u>60</u>	<u>0.2</u>	<u>10</u>	<u>10</u>	<u>125,000</u>	<u>2,000</u>	<u>125,000</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>
				-						ř								7					
110221020	MW-402R	11/02/2021	<u>3.1</u> J	<u>868</u>	0.76 * U	5.1 U	<u>5,580</u>	1.2 U	<u>345</u>	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
Sorted by 9-digit		11/02/2021	0.94 J	5/.3	<u>  0.30 U</u>	2.0 U	116 U	U.47 U	<u> 299</u>	J 0.066 U	U.63 U	U.25 U		1,100	1.030,000	11.5	0.19	1 10.08	-29.6	6.92		13.21 0 12/22/21,C:	_

Sorted by 9-digit Code

Bold attains or exceeds the WI Groundwater ES 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

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

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

<u>Screening Levels:</u>
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



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

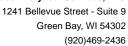
(920)469-2436 Project Manager

LVM

**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







#### **CERTIFICATIONS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

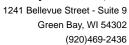
Pace Analytical Services Green Bay

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





# **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



# **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



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:**



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#### **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.

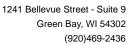
#### **Additional Comments:**

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





#### **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

(920)469-2436





#### **PROJECT NARRATIVE**

1940101253 GREEN BAY FORMER MG Project:

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:



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#### **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:**



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#### **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:**

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

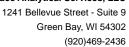
#### **Laboratory Control Spike:**

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:**





#### **PROJECT NARRATIVE**

1940101253 GREEN BAY FORMER MG Project:

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.



# **ANALYTICAL RESULTS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

Methane, Ethane GCV         Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay         436         upl.         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         Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay           Arsenic, Dissolved         3.1 Jugl.         5.0         1.4         5         11/08/21 05:57         11/18/21 05:06         7440-38-2         D3           Arsenic, Dissolved         868         upl.         1.6         3.5         5         11/08/21 05:57         11/18/21 05:06         7440-38-3         D3           Chromium, Dissolved         40.76         upl.         5.0         0.76         5         11/08/21 05:57         11/18/21 05:06         7440-39-33           Chromium, Dissolved         45.1         upl.         1.50         1.0         5.1         5         11/08/21 05:57         11/18/21 05:06         7440-39-32         203           Lead, Dissolved         45.2         upl.         5.0         1.2         5         11/08/21 05:57         11/18/21 05:06         7449-39-32         203           Stoker, Dissolved         34.5         upl. <th< th=""><th>Sample: 110221020</th><th>Lab ID:</th><th>40236298001</th><th>Collected</th><th>d: 11/02/21</th><th>15:55</th><th>Received: 11/</th><th>03/21 10:15 M</th><th>atrix: Water</th><th></th></th<>	Sample: 110221020	Lab ID:	40236298001	Collected	d: 11/02/21	15:55	Received: 11/	03/21 10:15 M	atrix: Water	
Methane	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane	Methane, Ethane, Ethene GCV	Analytical	Method: EPA 8	015B Modifi	ied					
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay  Arsenic, Dissolved  3.1 J ug/L 5.0 1.4 5 11/08/21 05:57 11/18/21 05:06 7440-38-2 D3 Barium, Dissolved 688 ug/L 11.6 3.5 5 11/08/21 05:57 11/18/21 05:06 7440-38-3 Cadmium, Dissolved 40.76 ug/L 5.0 0.76 5 11/08/21 05:57 11/18/21 05:06 7440-38-3 D1/08/21 05:57 11/18/21 05:06 7439-98-6 D1/08/21 05:57 11/18/21 05:06 7440-32-3 D1/08/21 05:57 11/18/21 05:06 7439-98-6 D1/08/21 05:57 11/18/21 05:06 7440-32-3 D1/08/21 05:57 11/18/21 05:06 7440-32-3 D1/08/21 05:57 11/18/21 05:06 7439-98-6 D1/08/21 05:57 11/18/21 05:06 7440-32-3 D1/08/21 05:57 11/18/21 05:06 7439-98-6 D1/08/21 05:57 11/18/21 05:06 7440-32-3 D1/08/21 05:06 7		-								
Pace Analytical Services - Green Bay	Methane	436	ug/L	11.2	2.3	4		11/10/21 13:07	74-82-8	
Pace Analytical Services - Green Bay	6020B MET ICPMS. Dissolved	Analytical	Method: EPA 6	020B Prepa	aration Met	hod: EF	PA 3010A			
Bartum, Dissolved  40.76 ug/L 5.0 0.76 5 11/08/21 05:57 11/18/21 05:06 7440-39-3 Chromium, Dissolved  45.1 ug/L 17.0 5.1 5 11/08/21 05:57 11/18/21 05:06 7440-43-9 D3 Chromium, Dissolved  45.1 ug/L 17.0 5.1 5 11/08/21 05:57 11/18/21 05:06 7440-43-9 D3 Chromium, Dissolved  45.8 ug/L 1250 290 5 11/08/21 05:57 11/18/21 05:06 7440-43-9 D3 Chromium, Dissolved  41.2 ug/L 5.0 1.2 5 11/08/21 05:57 11/18/21 05:06 7440-43-9 D3 Chromium, Dissolved  41.2 ug/L 5.0 1.2 5 11/08/21 05:57 11/18/21 05:06 7439-92-1 D3 Chromium, Dissolved  41.6 ug/L 5.3 1.6 5 11/08/21 05:57 11/18/21 05:06 7439-92-1 D3 Chromium, Dissolved  41.6 ug/L 5.0 0.64 ug/L 5.0 0.64 5 11/08/21 05:57 11/18/21 05:06 7439-92-1 D3 Chromium, Dissolved  41.6 ug/L 5.0 0.64 1 11/08/21 05:57 11/18/21 05:06 7439-92-1 D3 Chromium, Dissolved  41.6 ug/L 5.0 0.64 1 11/08/21 05:57 11/18/21 05:06 7440-22-4 D3 Chromium, Dissolved  41.6 ug/L 5.0 0.64 1 11/08/21 05:57 11/18/21 05:06 7440-22-4 D3 Chromium, Dissolved  41.6 ug/L 5.0 0.66 ug/L 5.0 0.66 1 11/12/21 12:20 11/15/21 12:02 7439-97-6 Chromium, Dissolved  42.0 0.66 ug/L 5.0 0.66 1 11/12/21 12:20 11/15/21 12:02 7439-97-6 Chromium, Dissolved  42.0 0.65 ug/L 5.0 0.66 1 11/18/21 05:05 71/18/21 05:06 7440-22-1 D3 Chromium, D18/21 05:05 71/18/21 05:06 7440-22-1 D3 Chromium, D3	,	-								
Cadmium, Dissolved	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
Cadmium, Dissolved	Barium, Dissolved	868	ug/L	11.6	3.5	5	11/08/21 05:57	11/18/21 05:06	7440-39-3	
Chromium, Dissolved 5580 ug/L 1250 290 5 11/08/21 05:57 11/18/21 05:06 7440-47-3 93.  Lead, Dissolved 41.2 ug/L 5.0 1.2 5 11/08/21 05:57 11/18/21 05:06 7439-98-6  Lead, Dissolved 41.6 ug/L 5.3 1.6 5 11/08/21 05:57 11/18/21 05:06 7439-98-6  Selenium, Dissolved 345 ug/L 2.2 6.1 5 11/08/21 05:57 11/18/21 05:06 7439-98-6  Selenium, Dissolved 41.6 ug/L 5.5 0.64 5 11/08/21 05:57 11/18/21 05:06 7439-98-6  Selenium, Dissolved 4.0.64 ug/L 2.5 0.64 5 11/08/21 05:57 11/18/21 05:06 7440-22-4 03  Silver, Dissolved  Analytical Method: EPA 7470 Preparation Method: EPA 7470  Pace Analytical Services - Green Bay  Mercury, Dissolved  Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510  Pace Analytical Services - Green Bay  Mercury, Dissolved  Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510  Pace Analytical Services - Green Bay  Acenaphthene  78.5 ug/L 2.4 0.60 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 13:57 829-96-8  Benzo(a)aphtracene  77. ug/L 2.4 0.65 50 11/08/21 08:35 11/10/21 13:57 829-96-8  Benzo(a)pyrene  40.94 ug/L 2.4 0.65 50 11/08/21 08:35 11/10/21 13:57 56-55-3  Benzo(a)pyrene  40.93 ug/L 2.4 0.65 50 11/08/21 08:35 11/10/21 13:57 50-32-8  Benzo(a)phiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(a)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(a)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(a)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo(b)hiperylene  41.1 ug/L 2.4 0.8 50 11/08/21 08:35 11/10/21 13:57 50-32-9  Benzo	Cadmium, Dissolved	< 0.76		5.0	0.76	5	11/08/21 05:57	11/18/21 05:06	7440-43-9	D3
Iron, Dissolved   5580   ug/L   1250   290   5   11/08/21 05.57   11/18/21 05.06   7439-99-6   Lead, Dissolved   1.2   ug/L   5.0   1.2   5   11/08/21 05.57   11/18/21 05.06   7439-99-6   D3   Manganese, Dissolved   345   ug/L   20.2   6.1   5   11/08/21 05.57   11/18/21 05.06   7439-99-6   Selenium, Dissolved   4.6   ug/L   5.3   1.6   5   11/08/21 05.57   11/18/21 05.06   7493-99-6   Selenium, Dissolved   4.064   ug/L   2.5   0.64   5   11/08/21 05.57   11/18/21 05.06   7490-99-2   D3   Silver, Dissolved   4.064   ug/L   2.5   0.64   5   11/08/21 05.57   11/18/21 05.06   7490-29-2   D3   T470   Mercury, Dissolved   4.066   ug/L   0.20   0.066   1   11/12/21 12.20   11/15/21 12.02   7439-97-6   T470   Mercury, Dissolved   4.066   ug/L   0.20   0.066   1   11/12/21 12.20   11/15/21 12.02   7439-97-6   T470   Mercury, Dissolved   4.066   ug/L   0.20   0.066   1   11/10/21 13.57   2439-97-6   T470   Mercury, Dissolved   4.0   ug/L   2.4   0.67   50   11/08/21 08.35   11/10/21 13.57   2439-97-6   T470   Mercury, Dissolved   78.5   ug/L   2.4   0.67   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Anthracene   7.7   ug/L   2.4   0.67   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Anthracene   7.7   ug/L   2.4   0.67   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Mercury, Dissolved   4.094   ug/L   2.4   0.467   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   208-96-8   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   205-99-2   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   205-99-2   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50   11/08/21 08.35   11/10/21 13.57   207-08-9   Mercury, Dissolved   4.094   ug/L   2.4   0.465   50	Chromium, Dissolved	<5.1		17.0	5.1	5	11/08/21 05:57	11/18/21 05:06	7440-47-3	D3
Lead, Dissolved Manganese, Dissolved 345 ug/L 20.2 6.1 5 11/08/21 05:57 11/18/21 05:06 7439-92-1 D3 Manganese, Dissolved 4.1.6 ug/L 5.3 1.6 5 11/08/21 05:57 11/18/21 05:06 7439-96-5 Selenium, Dissolved 4.1.6 ug/L 5.3 1.6 5 11/08/21 05:57 11/18/21 05:06 7439-96-5 Selenium, Dissolved 4.0.64 ug/L 2.5 0.64 5 11/08/21 05:57 11/18/21 05:06 742-92-2 D3 Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay  Mercury, Dissolved 4.0.66 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 7.8.5 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 20-9-8-8 Anthracene 7.7 ug/L 2.4 0.69 50 11/08/21 08:35 11/10/21 13:57 20-9-2 Benzo(a)anthracene 4.0.93 ug/L 2.4 0.65 50 11/08/21 08:35 11/10/21 13:57 56-55-3 Benzo(b)fluoranthene 4.0.94 ug/L 2.4 0.69 50 11/08/21 08:35 11/10/21 13:57 50-32-8 Benzo(b)fluoranthene 4.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-2 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-2 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-2 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-2 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 20-9-9-9 Benzo(g)h,i)perylene 4.1.1 ug/L 2.4		5580	ug/L	1250	290		11/08/21 05:57	11/18/21 05:06	7439-89-6	
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   4.6   ug/L   5.3   1.6   5   11/08/21 05:57   11/18/21 05:06   7439-96-5   T1/18/21 05:06   7440-22-4   D3   D3   D3   D3   D3   D3   D3   D	-	<1.2	-	5.0	1.2	5	11/08/21 05:57	11/18/21 05:06	7439-92-1	D3
Selenium, Dissolved   4.6   ug/L   5.3   1.6   5   11/08/21 05:57   11/18/21 05:06   7782-49-2   D3	•		-							
Analytical Method: EPA 7470   Preparation Method: EPA 7470	_		J							D3
Pace Analytical Services - Green Bay	•		-							D3
Mercury, Dissolved   40.066   ug/L   0.20   0.066   1   11/12/21   12:20   11/15/21   12:02   7439-97-6	7470 Mercury, Dissolved	Analytical	Method: EPA 7	470 Prepar	ation Metho	od: EPA	7470			
### Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510    Pace Analytical Services - Green Bay	•	Pace Anal	ytical 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 0.69 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 56-55-3 Benzo(a)pyrene - 0.93 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(b)fluoranthene - 1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 207-08-9 Chrysene - 1.1 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 1.3 50 11/08/21 08:35 11/10/21 13:57 218-01-9 Dibenz(a,h)anthracene - 0.66 ug/L 2.4 1.3 50 11/08/21 08:35 11/10/21 13:57 206-44-0 Fluorenthene - 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 1.3 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 91-3-9-1 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 91-3-9-1 I-Methylnaphthalene - 353 ug/L 2.4 0.86 50 11/08/21 08:35 11/10/21 13:57 91-3-9-1 I-Methylnaphthalene - 267 ug/L 2.4 0.86 50 11/08/21 08:35 11/10/21 13:57 91-20-3 Phenanthrene - 56.3 ug/L 2.4 0.96 50 11/08/21 08:35 11/10/21 13:57 91-20-3 Phenanthrene - 56.3 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 0.95 50 11/08/21 08:35 11/10/21 13:57 91-20-3 Phenanthrene - 56.3 ug/L 2.4 0.95 50 11/08/21 08:35 11/10/21 13:57 12-0-3 Phenanthrene - 56.3 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 0.95 50 11/08/21 08:35 11/10/21 13:57 12-0-0-3 Phenanthrene - 56.3 ug/L 2.4 0.95 50 11/08/21 08:35 11/10/21 13:57 12-0-0-3 Phenanthrene - 56.3 ug/L 2.4 0.95 50 11/08/21 08:35 11/10/21 13:57 12-0-0-0  Surrogates 2-Fluorobiphenyl (S) 69 % 10-113 50 11	Mercury, Dissolved	<0.066	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 12:02	7439-97-6	
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 13:57 208-96-8 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 56-55-3 Benzo(b)fluoranthene <0.93 ug/L 2.4 0.93 50 11/08/21 08:35 11/10/21 13:57 50-32-8 Benzo(b)fluoranthene <1.1 ug/L 2.4 0.93 50 11/08/21 08:35 11/10/21 13:57 207-08-9 Benzo(b)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 1.1 50 11/08/21 08:35 11/10/21 13:57 207-08-9 Dibenz(a,h)anthracene <0.85 ug/L 2.4 1.3 50 11/08/21 08:35 11/10/21 13:57 207-08-9 Dibenz(a,h)anthracene 3.8 ug/L 2.4 1.3 50 11/08/21 08:35 11/10/21 13:57 206-44-0 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 13:57 206-44-0 Fluorene 60.6 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 206-44-0 Fluorene 60.6 ug/L 2.4 0.74 50 11/08/21 08:35 11/10/21 13:57 90-12-0 2-Methylnaphthalene 353 ug/L 2.4 0.66 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 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.66 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.50 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.50 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.50 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 0.50 11/08/21	8270E MSSV PAH	Analytical	Method: EPA 8	270E by SI	M Preparat	ion Met	thod: EPA 3510			
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 50-32-8 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(g)hijoranthene <0.93 ug/L 2.4 0.93 50 11/08/21 08:35 11/10/21 13:57 50-32-8 Benzo(g)hijoranthene <1.1 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 205-99-2 Benzo(g)hijoranthene <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 1.1 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 13:57 207-08-9 Chrysene <0.85 ug/L 2.4 1.3 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 13:57 207-08-9 Chrysene 60.65 ug/L 2.4 1.3 50 11/08/21 08:35 11/10/21 13:57 207-08-9 Chrysene 60.66 ug/L 2.4 1.3 50 11/08/21 08:35 11/10/21 13:57 206-44-0 Fluorene 60.66 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 206-44-0 Fluorene 60.66 ug/L 2.4 1.1 50 11/08/21 08:35 11/10/21 13:57 206-44-0 Fluorene 60.66 ug/L 2.4 0.74 50 11/08/21 08:35 11/10/21 13:57 90-12-0 2-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 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 56.3 ug/L 2.4 0.50 50 11/08/21 08:35 11/10/21 13:57 91-57-6 Naphthalene 56.3 ug/L 2.4 1.2 50 11/08/21 08:35 11/10/21 13:57 91-20-3 Phenanthrene 56.3 ug/L 2.4 1.5 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 13:57 129-00-0 Surrogates 2-Fluorobiphenyl (S) 64 % 28-124 50 11/08/21 08:35 11/10/21 13:57 121-0-0-8 Tephenyl-d14 (S) 64 % 28-124 50 11/08/21 08:35 11/10/21 13:57 121-0-0-8 Tephenyl-d14 (S) 64 % 28-124 50 11/08/21 08:35 11/10/21 13:57 121-0-0-0 Surrogates 64 50 50 50 50 50 50 50 50 50 50 50 50 50		Pace Anal	ytical Services	- Green Bay	/					
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	Acenaphthene	78.5	ug/L	2.4	0.67	50	11/08/21 08:35	11/10/21 13:57	83-32-9	
Benzo(a)anthracene	Acenaphthylene	4.0	ug/L	2.4	0.60	50	11/08/21 08:35	11/10/21 13:57	208-96-8	
Benzo(a)pyrene	Anthracene	7.7	ug/L	2.4	0.89	50	11/08/21 08:35	11/10/21 13:57	120-12-7	
Benzo(b)fluoranthene   <0.93	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(g,h,i)perylene	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(k)fluoranthene	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	
Chrysene	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	
Dibenz(a,h)anthracene   Color of the property of the propert	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	
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 0.86 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 1.2 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) Analytical Method: EPA 8260 Pace Analytical Services - Green Bay	Chrysene	<1.3	ug/L	2.4	1.3	50	11/08/21 08:35	11/10/21 13:57	218-01-9	
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	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	
Indeno(1,2,3-cd)pyrene	Fluoranthene	3.8	ug/L	2.4	1.3	50	11/08/21 08:35	11/10/21 13:57	206-44-0	
1-Methylnaphthalene 2-Methylnaphthalene 10.9 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	Fluorene	60.6	ug/L	2.4	1.1	50	11/08/21 08:35	11/10/21 13:57	86-73-7	
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	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	
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	1-Methylnaphthalene	353	ug/L	2.4	0.86	50	11/08/21 08:35	11/10/21 13:57	90-12-0	
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	2-Methylnaphthalene	10.9		2.4		50				
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 Race Analytical Method: EPA 8260 Pace Analytical Services - Green Bay			•							
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	•		•							
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			-							
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	•		3		•••	- •			30 0	
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	•	69	%	10-113		50	11/08/21 08:35	11/10/21 13:57	321-60-8	
Pace Analytical Services - Green Bay										
,	8260 MSV UST	Analytical	Method: EPA 8	260						
Benzene <b>759</b> ug/L 4.0 1.2 4 11/05/21 10:16 71-43-2		Pace Anal	ytical Services	- Green Bay	/					
	Benzene	759	ug/L	4.0	1.2	4		11/05/21 10:16	71-43-2	



# **ANALYTICAL RESULTS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

Sample: 110221020	Lab ID:	40236298001	Collected:	11/02/21	15:55	Received: 11/	03/21 10:15 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical	Method: EPA 8	260						
	Pace Anal	ytical 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		
1,2,4-Trimethylbenzene	99.7	ug/L	4.0	1.8	4		11/05/21 10:16		
1,3,5-Trimethylbenzene	2.6J	ug/L	4.0	1.4	4		11/05/21 10:16		
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		3							
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	
	A lt l	Mathadi EDA 2	00.0						
300.0 IC Anions	•	Method: EPA 3							
	Pace Anal	ytical Services	- Green Bay						
Sulfate	23.5	mg/L	10.0	2.2	5		11/19/21 01:00	14808-79-8	В
353.2 Nitrogen, NO2/NO3 pres.	Analytical	Method: EPA 3	53.2						
•	Pace Anal	ytical Services	- Green Bay						
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		11/16/21 13:31		
Millogen, NO2 plus NO5	<b>\0.033</b>	mg/L	0.20	0.000	•		11/10/21 13.31		
Sample: 110221021	Lab ID:	40236298002	Collected:	11/02/21	16:44	Received: 11/	03/21 10:15 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	•	Method: EPA 8 lytical Services		ed					
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 6	020B Prena	ration Met	hod: E	2Δ 3Ω1ΩΔ			
0020B MET ICFM3, DISSUIVED		lytical Services		ration iviet	ilou. Li	7 30 107			
Araonia Dissolved		•	•	0.56	2	11/00/01 0F.E7	14/40/04 OF 12	7440 20 2	Da
Arsenic, Dissolved	0.94J 57.3	ug/L ug/L	2.0 4.7	0.56 1.4	2 2	11/08/21 05:57			D3
Barium, Dissolved Cadmium, Dissolved	<0.30	ug/L ug/L	2.0	0.30	2		11/18/21 05:13 11/18/21 05:13		D3
Chromium, Dissolved	<0.30 <2.0	•		2.0	2	11/08/21 05:57			D3
Iron, Dissolved	<2.0 <116	ug/L ug/L	6.8 500	116	2		11/18/21 05:13		D3
Lead, Dissolved	<0.47	ug/L ug/L	2.0	0.47	2		11/18/21 05:13		D3
Manganese, Dissolved	299	ug/L ug/L	8.1	2.4	2		11/18/21 05:13		DJ
Selenium, Dissolved	< 0.63	ug/L ug/L	2.1	0.63	2		11/18/21 05:13		D3
Silver, Dissolved	<0.65 <0.25	ug/L ug/L	1.0	0.63	2		11/18/21 05:13		D3
Olivel, Dissolveu	<b>&lt;0.23</b>	ug/L	1.0	0.20	2	11/00/21 00.07	11/10/21 05.13	1440-22-4	DJ
7470 Mercury, Dissolved	•	Method: EPA 7 ytical Services	•	ation Metho	od: EPA	7470			
Maraury Diagolyad		•	•	0.066	4	11/12/24 12:22	11/15/04 10:00	7420 07 6	
Mercury, Dissolved	<0.066	ug/L	0.20	0.066	1	11/12/21 12:20	11/15/21 12:09	1439-91-6	



# **ANALYTICAL RESULTS**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

	Lab ID.	40236298002	Collected	: 11/02/21	10.44	Received: 11/0	J3/21 10.13 IVI	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
3270E MSSV PAH	Analytical	Method: EPA 8	270E by SIM	1 Preparat	ion Met	hod: EPA 3510			
	Pace Anal	ytical 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		
Anthracene	0.020J	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20		
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		
Benzo(k)fluoranthene	0.17	ug/L	0.047	0.021	1	11/08/21 08:35	11/10/21 13:20		
Chrysene	0.31	ug/L	0.047	0.025	1	11/08/21 08:35	11/10/21 13:20		
Dibenz(a,h)anthracene	0.044J	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20		
Fluoranthene	0.42	ug/L	0.047	0.024	1	11/08/21 08:35	11/10/21 13:20		
Fluorene	<0.022	ug/L	0.047	0.022	1	11/08/21 08:35	11/10/21 13:20		
ndeno(1,2,3-cd)pyrene	0.19	ug/L	0.047	0.014	1	11/08/21 08:35	11/10/21 13:20		
-Methylnaphthalene	<0.017	ug/L	0.047	0.017	1	11/08/21 08:35	11/10/21 13:20		
?-Methylnaphthalene	<0.013	ug/L	0.047	0.013	1	11/08/21 08:35	11/10/21 13:20		
Naphthalene	0.025J	ug/L	0.047	0.019	1	11/08/21 08:35	11/10/21 13:20		
Phenanthrene	0.12	ug/L	0.047	0.024	1	11/08/21 08:35	11/10/21 13:20		
Pyrene	0.36	ug/L	0.047	0.021	1	11/08/21 08:35	11/10/21 13:20		
Surrogates	0.00	~g/ =	0.0	0.02	•	,,	,,	.20 00 0	
2-Fluorobiphenyl (S)	74	%	10-113		1	11/08/21 08:35	11/10/21 13:20	321-60-8	
erphenyl-d14 (S)	77	%	28-124		1	11/08/21 08:35	11/10/21 13:20	1718-51-0	
3260 MSV UST	Analytical	Method: EPA 8	260						
	Pace Anal	ytical 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	
oluene	<0.29	ug/L	1.0	0.29	1		11/05/21 10:34	108-88-3	
,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/21 10:34	95-63-6	
,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/21 10:34	108-67-8	
(ylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/21 10:34	1330-20-7	
n&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	
I-Bromofluorobenzene (S)	102	%	70-130		1		11/05/21 10:34	460-00-4	
,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/05/21 10:34	2199-69-1	
00.0 IC Anions	Analytical	Method: EPA 3	0.00						
	Pace Anal	ytical 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 3	53.2						
g,o-/.100 p.03.									
/111 0go.i, 1102/1100 p103	Pace Anal	ytical Services	- Green Bay						

(920)469-2436



**QUALITY CONTROL DATA** 

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 401260 Analysis Method: EPA 8015B Modified

QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethane GCV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40236298001, 40236298002

METHOD BLANK: 2316819 Matrix: Water

Associated Lab Samples: 40236298001, 40236298002

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Methane ug/L <0.58 2.8 11/10/21 08:47

LABORATORY CONTROL SAMPLE & LCSD: 2316820 2316821

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2316822 2316823

MS MSD

40236297003 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result % Rec % Rec **RPD** RPD Qual Result Conc. Result Limits

Methane ug/L 771 286 286 1340 1430 199 229 10-200 6 20 M1

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.

Qualifiers



#### **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

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: 40236298001, 40236298002

METHOD BLANK: 2318496 Matrix: Water

Associated Lab Samples: 40236298001, 40236298002

Blank Reporting
Parameter Units Result Limit Analyzed

Mercury, Dissolved ug/L <0.066 0.20 11/15/21 11:05

LABORATORY CONTROL SAMPLE: 2318497

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Mercury, Dissolved ug/L 5 5.2 104 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2318498 2318499

MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 400925 Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A 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
- aramotor					
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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 S	SPIKE DUPL	ICATE: 2315	460 MS	MSD	2315461							
Parameter	Units	40236217001 Result	Spike Conc.	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	

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 400687 Analysis Method: EPA 8260

QC Batch 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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLIC	CATE: 2313	552		2313553							
			MS	MSD								
	4	0236297003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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.



Green Bay, WI 54302 (920)469-2436

# **QUALITY CONTROL DATA**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2313552 2313553

> MS MSD

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



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 400946 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40236298001, 40236298002

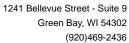
METHOD BLANK: 2315536 Matrix: Water

Associated Lab Samples: 40236298001, 40236298002

		Blank	Reporting		
Parameter	Units	Result	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	
ndeno(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	
-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	,	23	315538						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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.





Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

LABORATORY CONTROL SAMPLE	& LCSD: 2315537		23	315538						
_		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 402227 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: 40236298001, 40236298002

METHOD BLANK: 2322987 Matrix: Water

Associated Lab Samples: 40236298001, 40236298002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L 0.52J 2.0 11/18/21 20:49

LABORATORY CONTROL SAMPLE: 2322988

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322989 2322990

MS MSD 40236296004 Spike Spike N

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2322991 2322992

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

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.



Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

QC Batch: 401869 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: 40236298001, 40236298002

METHOD BLANK: 2320792 Matrix: Water

Associated Lab Samples: 40236298001, 40236298002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, NO2 plus NO3 mg/L <0.059 0.25 11/16/21 13:26

LABORATORY CONTROL SAMPLE: 2320793

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320794 2320795

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320796 2320797

MS MSD 40236793002 MS MSD MS MSD % Rec Spike Spike Max **RPD** RPD Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits Qual Nitrogen, NO2 plus NO3 2.0 2.5 4.7 2.5 4.6 105 108 20 mg/L 90-110

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.



### **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**

Date: 11/22/2021 11:57 AM

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.



# **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 1940101253 GREEN BAY FORMER MG

Pace Project No.: 40236298

Date: 11/22/2021 11:57 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica 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
10236298002	110221021	EPA 7470	401563	EPA 7470	401597
40236298001	110221020	EPA 3510	400946	EPA 8270E by SIM	401016
0236298002	110221021	EPA 3510	400946	EPA 8270E by SIM	401016
10236298001	110221020	EPA 8260	400687		
10236298002	110221021	EPA 8260	400687		
10236298001	110221020	EPA 300.0	402227		
10236298002	110221021	EPA 300.0	402227		
40236298001	110221020	EPA 353.2	401869		
10236298002	110221021	EPA 353.2	401869		



# CHAIN-OF-CUSTODY / Analytical Request Document

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

QC: OW

COCH: 01253-1121-001 40236298

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Pace Analytical Services, LLC 1241 Bellevue Street, Suite 9

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				Gl	ass						Plast						als		-	[	J	ars		G	enera	ıl	s (>6mm) *		29			after adjusted	Volume (mL)
Pace Lab#	AG10	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	везп	BP1U	BP3U	ВРЗВ	BP3N	BP3S	VG9A	DG9T	VG9U	<b>У</b> СЭН	VG9M	VG9D	JGFU	വദാ	WGFU	WPFU	SP5T	ZPLC	BN	VOA Vials	H2SO4 pH <2	NaOH+Zn Act pH	NaOH pH ≥12	HNO3 pH ≤2	pH after a	(IIIL)
001					D	2						)					ما											7	/		V		2.5 / 5 / 10
002					$  \mathcal{N}  $	2					\$2.57 \$2.57	TO LE	1484	THE			اما	17507				1.17.19 1.7.23.1			100 (150 y	3.113.1 11757				觀影	مسلما	對特	2.5/5/10
003	_				[1]	121							<u></u>																	Lorenza II.		the countries	2.5 / 5 / 10
004					115734	X		ALBERTA 在图形设施		100			12 to be 1	多篇				35											建建			Buch	2.5/5/10
005	. No. of Pages	m11.4				No. 18-10	10-00-00-00-00-00-00-00-00-00-00-00-00-0	1 - W. L.				0.000											Organit constant						7 × 300-2420	PROTECT		000000000000000000000000000000000000000	2.5 / 5 / 10
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800									1,000			Sint				1.012		SIL		(3)		1121			Shell .		T.	計議	Valvey Valvey				2,5 / 5 / 10
009	ಇ:ಖಾನ್ನಿಚ್ಚ	Halfrigorin e	V-1000	13,100,04		ar there is a	950-176524	STREET, OVER	FigNetter	Torribetti		Downless.	tepsiya.	2-150-1997	A SACRET	OF VEGET	result th	f Contain	#ERFORCE	J. Evg (5):4:	ATMENTS OF	sariö	de l'appropri	ehrin Sa	an Albania	victaes:	WEST.	ada Nor	tr vactors	\$485e04e01	4.4.4.3.55	Corporation	2.5 / 5 / 10
010		Pin					1 1 1			The Street				DAR	E.A.			1 1 1 3 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		7117		FYE	5.080m/s	i este	FIFT	接法	1723			MA	NAME OF STREET	10.4	2,5/5/10
011	1100	15:51 N-1	-valua	*.B.75.	1 1 (4) (5)	8.35K. 40-4	J. 199	77.7467.0+	220,249	444.00	SELECT.	N-15454	\$3.50		anale d	1000	100,000	2000	e-gan a	0.1073	West.	127 evirs	- Poix P	Milyes Milyes	n-15er	appendig (	Tribus.	il heter	* : [14/8]	Parent.	ert at salet	P. downey	2.5 / 5 / 10
012 013			5/10/6		resid	EE 121	4-1-4	1010	Barra		ender in	25.52	STATE.	11017		100	1936	SEALER SEALER	52. 643				E.L.	95364	1000	4 E.G.	47.54	7 W. 5V	Sing	SELL.	and the little of	150198	2.5/5/10
013		C189287824	TENERAL S	1E 325142	raterosta.	industra	Burtage	23225	Table 1		torac with	North Cont.	fresign Hwise	G-22-67025	hallandani	NATURE OF STREET	を対する	- Table	i ionnies-	and The	202002-012	o eres	nije temani	the Milant	i linearine	ingine in it	NAME OF THE PERSON OF	Frankit in	Distriction of	of source of	APPERENT DE	per make more required.	2.5 / 5 / 10 2.5 / 5 / 10
015	Pel Mely	Assertant	or Colombia	(market)	10000	SENETHER.	10 1000	A HAR		44,000	Co publica Transport	di vi interiore	BRAIS		<u> 11300</u>		444	Contraction (Contraction (Contr	Sept.	1,5.722	Englished Sever Local Service was	Sections 2		e sector de major de	AC, MA	district the	J. P. P. L.	100	A Control of the Cont	EMARCH!	Factories 1	2.10 LO 1056-00	2.5 / 5 / 10
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017		AVE-	1000	127.114	113-113	Marie I.	1000	RESERVE		a Lettini.	\$9554 B		\$5.5%		\$1.50 kg		E SAN	0,044	109345	7.11.2	1071	, N. 1784	24400		Nam.	11 Vi		29.241	13/1/16	100 S. A.	posetto.	3 1 3 3 3	2.5 / 5 / 10
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019	-		100 Sept. 100 Se	11000	Polymens.	A PROPERTY.		POSITION OF	W 11.4	100 FEB.	1452 Jan.	to the same	The second of		24 (V) Art 3			N. A.	10.00	F126074	146.75	The Property and		161116-1		in the same	accesses:	計劃的關係	100000	THE RESIDENCE	597426F3	in contact	2.5 / 5 / 10
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AG1U			_								rplas					1			nL cle						3FU								
BG1U AG1H					нсі						mL pl mL pl								nL am nL cle					•				erjar rjaru					
AG4S						SO4					mL p								ıL cle									tic jar					
AG4U	120	mL a	mbei	r glas	s unp	res					mL p								ıL cle						P5T					hiosu	lfate		1
AG5U				-	•											VC	9D	40 n	ıL cle	ar via	al DI			4	PLC	ziplo	c ba	g					1
AG2S				_																				<u>_</u>	GN								j
BG3U	200	IIIL C	ıedi (	ylass	unpre	:5		l																								_	2

Pace Analytical \*
1241 Bellevue Street, Green Bay, WI 54302

Document Name:

Sample Condition Upon Receipt (SCUR)

Document No.:

Document Revised: 26Mar2020

Author:

ENV-FRM-GBAY-0014-Rev.00

Pace Green Bay Quality Office

# Sample Condition Upon Receipt Form (SCUR)

			Project #:		
Client Name: <u>DBG</u>		:		#OM :	40236298
Courier: CS Logistics K Fed Ex Speed	dee 🗀	UPS T W	/altco		11EL 12ELL ELL
Client Pace Other:		· •			
Muster 5092 4917 4	68	6		40236298	. 1181 1880 500
Custody Seal on Cooler/Box Present: yes	<b>N</b> no	Seals intact:	yes no		
Custody Seal on Samples Present: Li yes	no :	Seals intact:	☐ yes ☐ no		
Packing Material:	ble Bag	□ None	Other		
Thermometer Used SR - // G	_ 1	1:1 // /	Blue Dry None	Samples o	n ice, cooling process has begun
Cooler Temperature Uncol 3 4 /Corrs		<del></del> _			Person examining contents:
Temp Blank Present: yes ' no	-1	Bíological T	issue is Frozen:	yes no	Date: 11312 /Initials
Temp should be above freezing to 6°C.  Biota Samples may be received at ≤ 0°C if shipped on [	Ory Ice.		T	·	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.		
<ul> <li>VOA Samples frozen upon receipt</li> </ul>	□Yes	□No	Date/Time:		
Short Hold Time Analysis (<72hr):	Yes	□No	6.		
Rush Turn Around Time Requested:	□Yes	<b>2</b> 100	7.		
Sufficient Volume:			8.002 rea	ceived t	wo wals empty
For Analysis: Pres No MS/MSI	D: ☐Yes—	No DN/A			CM211/3/21
Correct Containers Used:	. TYes	□No	9.		
-Pace Containers Used:	Yes	□No □N/A			
-Pace IR Containers Used:	□Yes	□No ₽N/A	t		
Containers Intact:	Yes	□No	10.		
Filtered volume received for Dissolved tests	D Yes	□No □N/A	11.		
Sample Labels match COC:	Yes	□No □N/A	12.		·
-Includes date/time/ID/Analysis Matrix:	W	<u> </u>			
Trip Blank Present:	□Yes	DNo □N/A	13.		
Trip Blank Custody Seals Present	□Yes	No DN/A			
Pace Trip Blank Lot # (if purchased):					
Client Notification/ Resolution:				checked, see attac	ched form for additional comments
Person Contacted:		Date/	ııme:		
Comments/ Resolution:					
		1			
				.1	have reviewed the sample land
PM Review is documented electronically in LI	Ms. By re	leasing the	project, the PM a	cknowledges th	iey nave reviewed the sample logii

Page 2 of 2