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

December 15, 2023

Mr. Matt Schneider
Director, Facilities and Procurement
Mid-State Technical College
1001 Center Point Drive
Stevens Point, Wisconsin, 54481

RE: Recent Sampling Results Stevens Point Former Manufactured Gas Plant
1111 Crosby Avenue, Stevens Point, Wisconsin 54481
WDNR BRRTS# 02-50-000079

Dear Mr. Schneider:

WEC Business Services, LLC (WBS), managing the Wisconsin Public Service Corporation (WPSC) former manufactured gas plant site at 1111 Crosby Ave, is providing analytical results from groundwater samples collected at locations OW14, OW23, and PZ14B in October 2023 as part of routine, semi-annual monitoring. 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. This includes a summary table of the results compared to State guidance values. Copies of the associated laboratory reports and figures showing the locations of samples collected on your property are also included.

We appreciate your cooperation as sampling progresses. If you need additional information, please contact Matt Vitale from the WDNR at 715-839-3760 or myself at 414-221-2156.

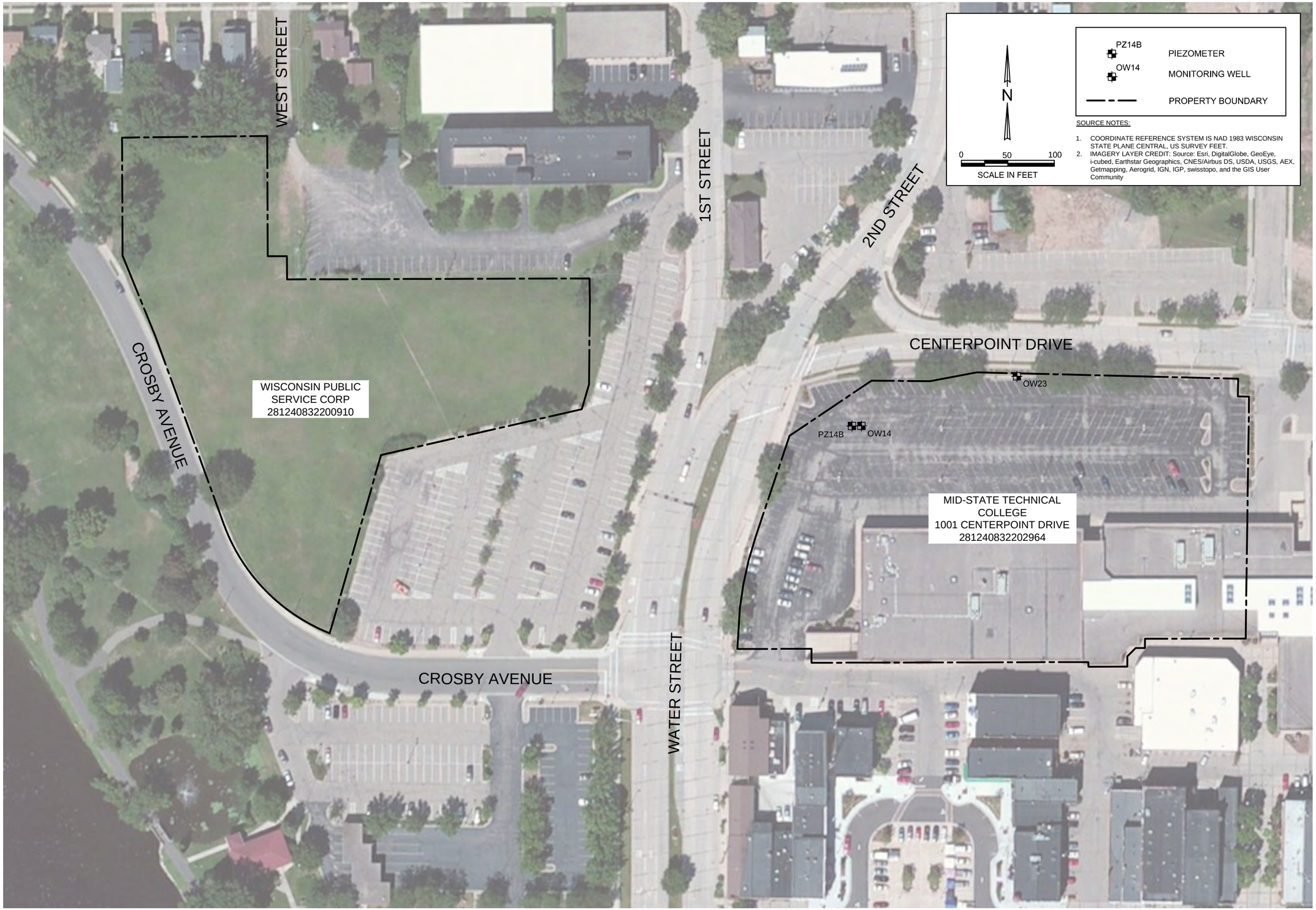
Sincerely,

Frank Dombrowski
Principal Environmental Consultant

Enc: Figure 1. Mid-State Technical College
Table 1. October 2023 Groundwater Analytical Results for Mid-State Technical College
Laboratory Report

CC: USEPA RPM – Jeffrey Dewey
WDNR PM – Matt Vitale

FIGURE



SOURCE NOTES:

1. COORDINATE REFERENCE SYSTEM IS NAD 1983 WISCONSIN STATE PLANE CENTRAL, US SURVEY FEET.
2. IMAGERY LAYER CREDIT: Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

DRAWN BY:	DMD	DATE: 04/04/16
CHECKED BY:	AGC	DATE: 02/08/17
APPROVED BY:	KRM	DATE: 02/08/17
DRAWING NO:	Fig 1_Mid-State Tech College	
REFERENCE:	.	

MID-STATE TECHNICAL COLLEGE

RECENT SAMPLING RESULTS
FORMER STEVENS POINT MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN
BRRTS# 02-50-000079

RAMBOLL

PROJECT NO.
67846

FIGURE NO.
1

Jan 02, 2020 2:51pm PLOTTED BY: CAWRSEAG SAVED BY: CawrseAG
Y:\Active Projects\11\1177\STP\Data\Figure 1_Mid-State Technical College.dwg Layout
IMAGES: Y:\ACiData\Projects\11\1177\STP\Data\Reference\ESRI Aerial 032516.jpg
XREFS:

TABLE

Table 1. October 2023 Groundwater Analytical Results for Mid-State Technical College

Third Party Notification
Wisconsin Public Service Corporation
Former Stevens Point Manufactured Gas Plant Site
1111 Crosby Avenue, Stevens Point, Wisconsin
USEPA ID #WIN000509983 / BRRTS #02-50-000079 / FID # 750081200

			VOC		PAH		PAH		PAH		PAH		PAH		PAH		PAH		Metal		Metal		Metal		Inorganic		Inorganic		Inorganic		Organic	
Sample Location	9-digit Code	Sample Date	Benzene		Benzo(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene		Benzo(k)fluoranthene		Chrysene		Dibenz(a,h)anthracene		Fluoranthene		Indeno(1,2,3-cd)pyrene		Naphthalene		Pyrene		Iron, Dissolved		Iron, Total		Manganese, Dissolved		Alkalinity, Total		Nitrogen, NO2 + NO3, Total		Sulfate, Total		Methane	
		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	
			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 PAL:	0.5		NS		0.02		0.02		NS		0.02		NS		80		NS		10		50		150		150		60		NS		2,000		125,000		NS	
		WI Groundwater ES:	5		NS		0.2		0.2		NS		0.2		NS		400		NS		100		250		300		300		300		NS		10,000		250,000		NS	
OW14	102323003	10/23/23	0.44	J	1.7		**4.2**		**10.5**		3.6		**6.2**		0.61		16.0		4.0		0.12		9.9		**11,000**		**13,300**		**742**		272,000		170	J	29,200		193	
OW23	102323001	10/23/23	0.30	U	0.013	U	0.013	U	0.011	J	0.022	U	0.012	U	0.018	U	0.026	U	0.015	U	0.045	J	0.022	U	57.4	J	**481**		54.2		217,000		59	U	8,700	J	73.1	
PZ14B	102323002	10/23/23	0.30	U	0.40		**0.61**		**1.2**		0.44		**0.74**		0.099		1.5		0.47		0.11		1.0		56.7	U	295		--		--		--		--		--	

[O: GKJ 12/6/23, C:AGC 12/14/23]

Sorted by Sample Location

Underlined	concentration attains or exceeds the WI Groundwater PAL
Bold	concentration attains or exceeds the WI Groundwater ES

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

Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.

Results & Flags:
-- = Analysis not performed
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
EPA = Environmental Protection Agency
ES = Enforcement Standard
FID = facility identification number
MGP = Manufactured Gas Plant
NO2 + NO3 = nitrite plus nitrate
NS = A groundwater quality standard has not been established.
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
USEPA ID = United States Environmental Protection Agency site identification number
VOC = Volatile Organic Compound
WDNR = Wisconsin Department of Natural Resources
WI = Wisconsin

Confidential

LABORATORY DATA REPORTS

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

November 08, 2023

Andrew Cawrse
Ramboll Americas
234 W Florida St
Milwaukee, WI 53204

RE: Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Dear Andrew Cawrse:

Enclosed are the analytical results for sample(s) received by the laboratory on October 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: ERIC BAUER, Ramboll
NRT Data, Ramboll

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CERTIFICATIONS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

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SAMPLE SUMMARY

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40270109001	**102323001**	Water	10/23/23 14:30	10/25/23 13:17
40270109002	**102323002**	Water	10/23/23 15:14	10/25/23 13:17
40270109003	**102323003**	Water	10/23/23 15:43	10/25/23 13:17

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SAMPLE ANALYTE COUNT

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40270109001	**102323001**	EPA 8015B Modified	KHB	1
		EPA 6010D	SIS	1
		EPA 6010D	SIS	2
		EPA 8270E by SIM	TPO	12
		EPA 8260	CXJ	4
		EPA 300.0	HMB	1
		EPA 310.2	MT	1
		EPA 353.2	MT	1
40270109002	**102323002**	EPA 6010D	SIS	1
		EPA 6010D	SIS	1
		EPA 8270E by SIM	TPO	12
		EPA 8260	CXJ	4
40270109003	**102323003**	EPA 8015B Modified	KHB	1
		EPA 6010D	SIS	1
		EPA 6010D	SIS	2
		EPA 8270E by SIM	TPO	12
		EPA 8260	CXJ	4
		EPA 300.0	HMB	1
		EPA 310.2	MT	1
		EPA 353.2	MT	1

PASI-G = Pace Analytical Services - Green Bay

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PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

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: 459418

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40270110008

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

- MS (Lab ID: 2638414)
  - Methane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2638415)
  - Methane

Additional Comments:

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PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 6010D**
Description: 6010D MET ICP
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

General Information:
3 samples were analyzed for EPA 6010D 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.

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: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 6010D**
Description: 6010D MET ICP, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

General Information:
3 samples were analyzed for EPA 6010D 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.

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: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

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.

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

QC Batch: 458667

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40270110008

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

- MS (Lab ID: 2634083)
  - Chrysene
- MSD (Lab ID: 2634084)
  - Benzo(a)anthracene

Additional Comments:

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PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

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

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

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

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

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

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

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

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

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

Additional Comments:

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(920)469-2436

PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

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.

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: 459564

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

- 102323001 (Lab ID: 40270109001)
  - Sulfate

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PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 310.2**
Description: 310.2 Alkalinity
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

General Information:
2 samples were analyzed for EPA 310.2 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:

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PROJECT NARRATIVE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 08, 2023

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.

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

ANALYTICAL RESULTS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Sample: 102323001 **Lab ID: 40270109001** Collected: 10/23/23 14:30 Received: 10/25/23 13:17 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**73.1**	ug/L	2.8	0.58	1		11/03/23 10:28	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Iron	**481**	ug/L	100	56.7	1	10/27/23 05:49	10/30/23 17:30	7439-89-6	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**57.4J**	ug/L	100	56.7	1	10/27/23 05:55	10/30/23 18:26	7439-89-6	
Manganese, Dissolved	**54.2**	ug/L	5.0	1.5	1	10/27/23 05:55	10/30/23 18:26	7439-96-5	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Benzo(a)anthracene	**<0.013**	ug/L	0.050	0.013	1	10/26/23 08:10	10/26/23 20:24	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/26/23 08:10	10/26/23 20:24	50-32-8	
Benzo(b)fluoranthene	**0.011J**	ug/L	0.050	0.0090	1	10/26/23 08:10	10/26/23 20:24	205-99-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/26/23 08:10	10/26/23 20:24	207-08-9	
Chrysene	**<0.012**	ug/L	0.050	0.012	1	10/26/23 08:10	10/26/23 20:24	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/26/23 08:10	10/26/23 20:24	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	10/26/23 08:10	10/26/23 20:24	206-44-0	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/26/23 08:10	10/26/23 20:24	193-39-5	
Naphthalene	**0.045J**	ug/L	0.050	0.020	1	10/26/23 08:10	10/26/23 20:24	91-20-3	
Pyrene	**<0.022**	ug/L	0.050	0.022	1	10/26/23 08:10	10/26/23 20:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	38-120		1	10/26/23 08:10	10/26/23 20:24	321-60-8	
Terphenyl-d14 (S)	96	%	47-121		1	10/26/23 08:10	10/26/23 20:24	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 23:40	71-43-2	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 23:40	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		10/27/23 23:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 23:40	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**8.7J**	mg/L	10.0	2.2	5		11/07/23 16:10	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**217**	mg/L	25.0	7.4	1		10/31/23 11:17		

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ANALYTICAL RESULTS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Sample: 102323001 **Lab ID: 40270109001** Collected: 10/23/23 14:30 Received: 10/25/23 13:17 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/03/23 07:16		

Sample: 102323002 **Lab ID: 40270109002** Collected: 10/23/23 15:14 Received: 10/25/23 13:17 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**295**	ug/L	100	56.7	1	10/27/23 05:49	10/30/23 17:32	7439-89-6	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron, Dissolved	**<56.7**	ug/L	100	56.7	1	10/27/23 05:55	10/30/23 18:32	7439-89-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Benzo(a)anthracene	**0.40**	ug/L	0.048	0.013	1	10/26/23 08:10	10/26/23 20:43	56-55-3	
Benzo(a)pyrene	**0.61**	ug/L	0.048	0.012	1	10/26/23 08:10	10/26/23 20:43	50-32-8	
Benzo(b)fluoranthene	**1.2**	ug/L	0.048	0.0088	1	10/26/23 08:10	10/26/23 20:43	205-99-2	
Benzo(k)fluoranthene	**0.44**	ug/L	0.048	0.022	1	10/26/23 08:10	10/26/23 20:43	207-08-9	
Chrysene	**0.74**	ug/L	0.048	0.012	1	10/26/23 08:10	10/26/23 20:43	218-01-9	
Dibenz(a,h)anthracene	**0.099**	ug/L	0.048	0.017	1	10/26/23 08:10	10/26/23 20:43	53-70-3	
Fluoranthene	**1.5**	ug/L	0.048	0.025	1	10/26/23 08:10	10/26/23 20:43	206-44-0	
Indeno(1,2,3-cd)pyrene	**0.47**	ug/L	0.048	0.015	1	10/26/23 08:10	10/26/23 20:43	193-39-5	
Naphthalene	**0.11**	ug/L	0.048	0.019	1	10/26/23 08:10	10/26/23 20:43	91-20-3	
Pyrene	**1.0**	ug/L	0.048	0.022	1	10/26/23 08:10	10/26/23 20:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	38-120		1	10/26/23 08:10	10/26/23 20:43	321-60-8	
Terphenyl-d14 (S)	96	%	47-121		1	10/26/23 08:10	10/26/23 20:43	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/28/23 00:00	71-43-2	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/28/23 00:00	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/28/23 00:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/28/23 00:00	2199-69-1	

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ANALYTICAL RESULTS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Sample: 102323003 **Lab ID: 40270109003** Collected: 10/23/23 15:43 Received: 10/25/23 13:17 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**193**	ug/L	2.8	0.58	1		11/03/23 10:35	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**13300**	ug/L	100	56.7	1	10/27/23 05:49	10/30/23 17:38	7439-89-6	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron, Dissolved	**11000**	ug/L	100	56.7	1	10/27/23 05:55	10/30/23 18:34	7439-89-6	
Manganese, Dissolved	**742**	ug/L	5.0	1.5	1	10/27/23 05:55	10/30/23 18:34	7439-96-5	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Benzo(a)anthracene	**1.7**	ug/L	0.098	0.027	2	10/26/23 08:10	10/26/23 23:47	56-55-3	
Benzo(a)pyrene	**4.2**	ug/L	0.098	0.025	2	10/26/23 08:10	10/26/23 23:47	50-32-8	
Benzo(b)fluoranthene	**10.5**	ug/L	0.098	0.018	2	10/26/23 08:10	10/26/23 23:47	205-99-2	
Benzo(k)fluoranthene	**3.6**	ug/L	0.098	0.044	2	10/26/23 08:10	10/26/23 23:47	207-08-9	
Chrysene	**6.2**	ug/L	0.098	0.025	2	10/26/23 08:10	10/26/23 23:47	218-01-9	
Dibenz(a,h)anthracene	**0.61**	ug/L	0.098	0.035	2	10/26/23 08:10	10/26/23 23:47	53-70-3	
Fluoranthene	**16.0**	ug/L	0.098	0.051	2	10/26/23 08:10	10/26/23 23:47	206-44-0	
Indeno(1,2,3-cd)pyrene	**4.0**	ug/L	0.098	0.030	2	10/26/23 08:10	10/26/23 23:47	193-39-5	
Naphthalene	**0.12**	ug/L	0.098	0.039	2	10/26/23 08:10	10/26/23 23:47	91-20-3	
Pyrene	**9.9**	ug/L	0.098	0.044	2	10/26/23 08:10	10/26/23 23:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	38-120		2	10/26/23 08:10	10/26/23 23:47	321-60-8	
Terphenyl-d14 (S)	96	%	47-121		2	10/26/23 08:10	10/26/23 23:47	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.44J**	ug/L	1.0	0.30	1		10/28/23 00:20	71-43-2	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		10/28/23 00:20	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/28/23 00:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/28/23 00:20	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**29.2**	mg/L	10.0	2.2	5		11/07/23 16:25	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**272**	mg/L	25.0	7.4	1		10/31/23 11:18		

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ANALYTICAL RESULTS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Sample: 102323003 **Lab ID: 40270109003** Collected: 10/23/23 15:43 Received: 10/25/23 13:17 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.17J**	mg/L	0.25	0.059	1		11/03/23 07:19		

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 459418
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109003

METHOD BLANK: 2638411
Matrix: Water
Associated Lab Samples: 40270109001, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/03/23 10:03	

LABORATORY CONTROL SAMPLE & LCSD: 2638412 2638413

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	27.5	29.6	96	104	80-120	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638414 2638415

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	2400	571	571	2300	3000	-18	106	12-198	27	26	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 458772
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109002, 40270109003

METHOD BLANK: 2634878
Matrix: Water
Associated Lab Samples: 40270109001, 40270109002, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	10/30/23 16:51	

LABORATORY CONTROL SAMPLE: 2634879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634880 2634881

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	13700	10000	10000	24800	24900	111	112	75-125	1	20	

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 458773
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109002, 40270109003

METHOD BLANK: 2634882
Matrix: Water
Associated Lab Samples: 40270109001, 40270109002, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<56.7	100	10/30/23 17:44	
Manganese, Dissolved	ug/L	<1.5	5.0	10/30/23 17:44	

LABORATORY CONTROL SAMPLE: 2634883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	9830	98	80-120	
Manganese, Dissolved	ug/L	250	249	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634884 2634885

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	13400	10000	10000	24100	23600	107	102	75-125	2	20	
Manganese, Dissolved	ug/L	703	250	250	974	952	109	100	75-125	2	20	

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 458719
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109002, 40270109003

METHOD BLANK: 2634455 Matrix: Water
Associated Lab Samples: 40270109001, 40270109002, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	10/27/23 16:37	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	10/27/23 16:37	
4-Bromofluorobenzene (S)	%	83	70-130	10/27/23 16:37	
Toluene-d8 (S)	%	93	70-130	10/27/23 16:37	

LABORATORY CONTROL SAMPLE: 2634456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.6	109	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			90	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634462 2634463

Parameter	Units	40270111003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	54.7	55.4	109	111	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						102	99	70-130			
4-Bromofluorobenzene (S)	%						91	88	70-130			
Toluene-d8 (S)	%						95	96	70-130			

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 458667
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109002, 40270109003

METHOD BLANK: 2634081 Matrix: Water
Associated Lab Samples: 40270109001, 40270109002, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	<0.014	0.050	10/26/23 15:53	
Benzo(a)pyrene	ug/L	<0.013	0.050	10/26/23 15:53	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	10/26/23 15:53	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	10/26/23 15:53	
Chrysene	ug/L	<0.013	0.050	10/26/23 15:53	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	10/26/23 15:53	
Fluoranthene	ug/L	<0.026	0.050	10/26/23 15:53	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	10/26/23 15:53	
Naphthalene	ug/L	<0.020	0.050	10/26/23 15:53	
Pyrene	ug/L	<0.023	0.050	10/26/23 15:53	
2-Fluorobiphenyl (S)	%	87	38-120	10/26/23 15:53	
Terphenyl-d14 (S)	%	99	47-121	10/26/23 15:53	

LABORATORY CONTROL SAMPLE: 2634082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	2	2.0	102	51-120	
Benzo(a)pyrene	ug/L	2	1.9	95	59-120	
Benzo(b)fluoranthene	ug/L	2	2.1	103	52-120	
Benzo(k)fluoranthene	ug/L	2	1.8	90	59-120	
Chrysene	ug/L	2	1.8	90	55-125	
Dibenz(a,h)anthracene	ug/L	2	2.1	105	60-120	
Fluoranthene	ug/L	2	1.9	96	62-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.1	104	62-120	
Naphthalene	ug/L	2	1.5	75	55-120	
Pyrene	ug/L	2	1.7	85	53-120	
2-Fluorobiphenyl (S)	%			85	38-120	
Terphenyl-d14 (S)	%			98	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634083 2634084

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/L	0.061J	1.9	2	0.72	0.66	34	30	31-120	9	25	M1
Benzo(a)pyrene	ug/L	<0.025	1.9	2	1.5	1.6	77	82	38-120	6	24	
Benzo(b)fluoranthene	ug/L	0.032J	1.9	2	1.7	1.7	87	84	36-120	2	24	
Benzo(k)fluoranthene	ug/L	<0.043	1.9	2	1.9	1.9	99	97	46-120	1	21	

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634083 2634084

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chrysene	ug/L	0.067J	1.9	2	3.0	2.9	148	143	39-143	3	23	M1
Dibenz(a,h)anthracene	ug/L	<0.034	1.9	2	1.1	1.0	56	53	32-125	4	22	
Fluoranthene	ug/L	0.66	1.9	2	2.8	2.6	110	98	56-120	9	21	
Indeno(1,2,3-cd)pyrene	ug/L	<0.030	1.9	2	1.4	1.2	71	62	42-120	12	23	
Naphthalene	ug/L	1.8	1.9	2	3.5	4.0	84	109	50-120	13	23	
Pyrene	ug/L	0.56	1.9	2	2.8	2.6	114	106	47-120	5	23	
2-Fluorobiphenyl (S)	%						94	80	38-120			
Terphenyl-d14 (S)	%						110	94	47-121			

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 459564
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109003

METHOD BLANK: 2639401
Matrix: Water
Associated Lab Samples: 40270109001, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/07/23 11:28	

LABORATORY CONTROL SAMPLE: 2639402

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.0	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2639403 2639404

Parameter	Units	40270092001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	38.5	20	20	57.9	57.9	97	97	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2639405 2639406

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	3.5J	100	100	99.8	101	96	97	90-110	1	15	

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QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 458936
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109003

METHOD BLANK: 2636191
Matrix: Water
Associated Lab Samples: 40270109001, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/31/23 10:54	

LABORATORY CONTROL SAMPLE: 2636192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.9	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636193 2636194

Parameter	Units	40269964016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	538	200	200	721	719	91	90	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636238 2636239

Parameter	Units	40270186002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	363	100	100	460	462	97	99	90-110	0	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.

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

QUALITY CONTROL DATA

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

QC Batch: 459396
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40270109001, 40270109003

METHOD BLANK: 2638236 Matrix: Water
Associated Lab Samples: 40270109001, 40270109003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/03/23 07:09	

LABORATORY CONTROL SAMPLE: 2638237

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638238 2638239

Parameter	Units	40270176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.062J	2.5	2.5	2.5	2.4	97	95	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2638240 2638241

Parameter	Units	40270110008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.4	2.5	96	96	90-110	0	20	

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QUALIFIERS

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

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.

DL - Adjusted Method Detection Limit.

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

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.
R1	RPD value was outside control limits.

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 03777 Stevens Point GW
Pace Project No.: 40270109

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40270109001	**102323001**	EPA 8015B Modified	459418		
40270109003	**102323003**	EPA 8015B Modified	459418		
40270109001	**102323001**	EPA 3010A	458772	EPA 6010D	458916
40270109002	**102323002**	EPA 3010A	458772	EPA 6010D	458916
40270109003	**102323003**	EPA 3010A	458772	EPA 6010D	458916
40270109001	**102323001**	EPA 3010A	458773	EPA 6010D	458917
40270109002	**102323002**	EPA 3010A	458773	EPA 6010D	458917
40270109003	**102323003**	EPA 3010A	458773	EPA 6010D	458917
40270109001	**102323001**	EPA 3510	458667	EPA 8270E by SIM	458709
40270109002	**102323002**	EPA 3510	458667	EPA 8270E by SIM	458709
40270109003	**102323003**	EPA 3510	458667	EPA 8270E by SIM	458709
40270109001	**102323001**	EPA 8260	458719		
40270109002	**102323002**	EPA 8260	458719		
40270109003	**102323003**	EPA 8260	458719		
40270109001	**102323001**	EPA 300.0	459564		
40270109003	**102323003**	EPA 300.0	459564		
40270109001	**102323001**	EPA 310.2	458936		
40270109003	**102323003**	EPA 310.2	458936		
40270109001	**102323001**	EPA 353.2	459396		
40270109003	**102323003**	EPA 353.2	459396		

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40270109

Pace® Location Requested (City/State)
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

MID STATE TECH

Scan QR Code for instructions

Company Name	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To	Andrew Cawrse
Street Address	234 W Florida St, Milwaukee, WI 53204	Phone #.	414-837-3645
		E-Mail	andrew cawrse@ramboll com
		Cc E-Mail	
Customer Project #.		Invoice To.	Accounts - WEC
Project Name	03777 Stevens Point GW	Invoice E-Mail	Invoicecollector@wecenergygroup.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable)	
		Quote #	
Time Zone Collected	[ ] AK [ ] PT [ ] MT [x] CT [ ] ET	County / State origin of sample(s)	Wisconsin

Data Deliverables: [x] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other_____

Regulatory Program (DW, RCRA, etc) as applicable

Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other_____

Date Results Requested:

DW PWSID # or WW Permit # as applicable

Field Filtered (if applicable). [X] Yes [ ] No

Analysis:

Specify Container Size **: **Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other

Identify Container Preservative Type***: *** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Brian Basten; AcctNum / Client ID:; Table #:; Profile / Template: 4991 #3; Prelog / Bottle Ord. ID: EZ 3012867

* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk

	Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. CL2	Number & Type of Containers Plastic	Number & Type of Containers Glass	6010 Dissolved Mn/Fe	6010 Total Fe	8260 Benzene	8270E MSSV PAH	Methane	N+N	Sulfate, Alkalinity	Trip Blank			Sample Comment	Preservation non-conformance identified for sample
001	102323001	WT	G	10.23	1431				4	8	X	X	X	X	X	X	X				* Full list methane N+N Alk/sulf	
002	102323002	WT	↓	↓	1514				2	5	X	X	X	X	X	X	X					
003	102323003	WT	↓	↓	1543				4	8	X	X	X	X	X	X	X				* Full list methane, N+N, Alk/sulf	
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					
		WT									X	X	X	X	X	X	X					

ERR

Customer Remarks / Special Conditions / Possible Hazards:

Collected By: Printed Name Hailey Walters

Signature. HWalters

Additional Instructions from Pace®:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)

Relinquished by/Company. (Signature) Ramboll	Date/Time 10.25 1317	Received by/Company (Signature) Susan Wiese Pace	Date/Time 10/25/23 1317	Tracking Number:	
Relinquished by/Company: (Signature)	Date/Time	Received by/Company (Signature)	Date/Time.	Delivered by: [ ] In- Person [ ] Courier	
Relinquished by/Company: (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	[ ] FedEx [ ] UPS [ ] Other	
Relinquished by/Company. (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Page: 1 of 4	

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v01_082123 ©

QC: HWalters 10/25/23

Client Name: O'Brien & Gere Engineers

Sample Preservation Receipt Form

Project # 40270109

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

Lab Lot# of pH paper: 102723

Lab Std #ID of preservation (if pH adjusted)

Initial when completed: R.A

Date/Time:

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001					2				1		2	1					6												X			X		2.5 / 5
002					2						2						3																	2.5 / 5
003					2				1		2	1					6												X			X		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
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018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

R.A 10-25-23

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other_____

Headspace in VOA Vials (>6mm): ☐Yes ☒No ☐N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40270109
40270109

Client Name: O'Brien & Gere Engineers

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 121 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.5 /Corr: 0.0

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

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

Person examining contents:
Date: 10-25-23 /Initials: R.A

Labeled By Initials: 86

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.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time.
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used: Correct Type: Pace Green Bay, Pace IR, Non-Pace	☒Yes ☐No	9.
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☒No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2