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

January 13, 2023

Ms. Leah Werner
Remedial Project Manager
United States Environmental Protection Agency
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

RE: December 2022 Monthly Progress Report
Green Bay Former Manufactured Gas Plant
Green Bay, Wisconsin
Wisconsin Public Service Corporation
CERCLA Docket No. V-W-06-C-847, CERCLIS ID – WIN000509948

Dear Ms. Werner:

Wisconsin Public Service Corporation (WPSC) is providing this monthly progress report for the WPSC Former Green Bay Manufactured Gas Plant (MGP) Site.

1) PROGRESS MADE DURING THE PAST MONTH

- Prepared and submitted November 2022 Monthly Progress Report to United States Environmental Protection Agency (USEPA) by December 15, 2022.
- OU1 REMEMDIAL ACTION ACTIVITIES
    - Groundwater monitoring wells MW-406, MW-408, MW-409A, MW-409B, MW-410R, MW-411AR, and MW-411B were abandoned by drilling subcontractor On-Site Environmental, December 9, 2022.
    - Air monitoring subcontractor Milhouse Engineering & Construction performed background air monitoring the week of December 12, 2022.
    - Ramboll established a portal for sharing air monitoring and soil confirmation results.
    - Geo-Solutions Inc. (GSI) initiated installation of temporary fencing and erosion control measures, removal of parking lot and river walk lighting, mobilization, and assembly of the water treatment system, and clearing and grubbing the week of December 5, 2022.
    - Phase 1 excavation and backfill was initiated by GSI in the southwest corner of the Site on December 15, 2022, in support of a WPSC utility relocation project.
    - USEPA, Wisconsin Department of Natural Resources (WDNR), and WPSC performed a site visit December 19, 2022.

2) ANALYTICAL AND OTHER TESTING RESULTS RECEIVED

- Routine semi-annual groundwater monitoring results.
- Construction related sample results for air, soil and sediment will be posted to a project portal.

3) PROJECTED WORK

WPSC Actions

- Submit monthly progress report to USEPA by the 15th of the month.
- Facilitate Weekly Construction Meetings, on Tuesdays at 1:00 PM, to provide stakeholders with progressive work updates, schedule updates, quantity updates, and discuss problems encountered and solutions. Provided weekly construction meeting minutes to stakeholders to document and detail work progress, schedules, remediation quantities, and discussion.
- Respond to comments on the *Sediment OU RI Report, Revision 1*.

USEPA Actions

- Participate in weekly construction meetings for the Early Removal Action.

4) PROBLEMS OR POTENTIAL PROBLEMS ENCOUNTERED

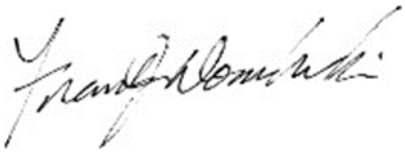
- None.

5) ACTUAL OR PLANNED RESOLUTION OF PROBLEMS OR POTENTIAL PROBLEMS

- None.

If you have any questions, please don't hesitate to contact me at (414) 221-2156 or via email at frank.dombrowski@wecenergygroup.com.

Sincerely,

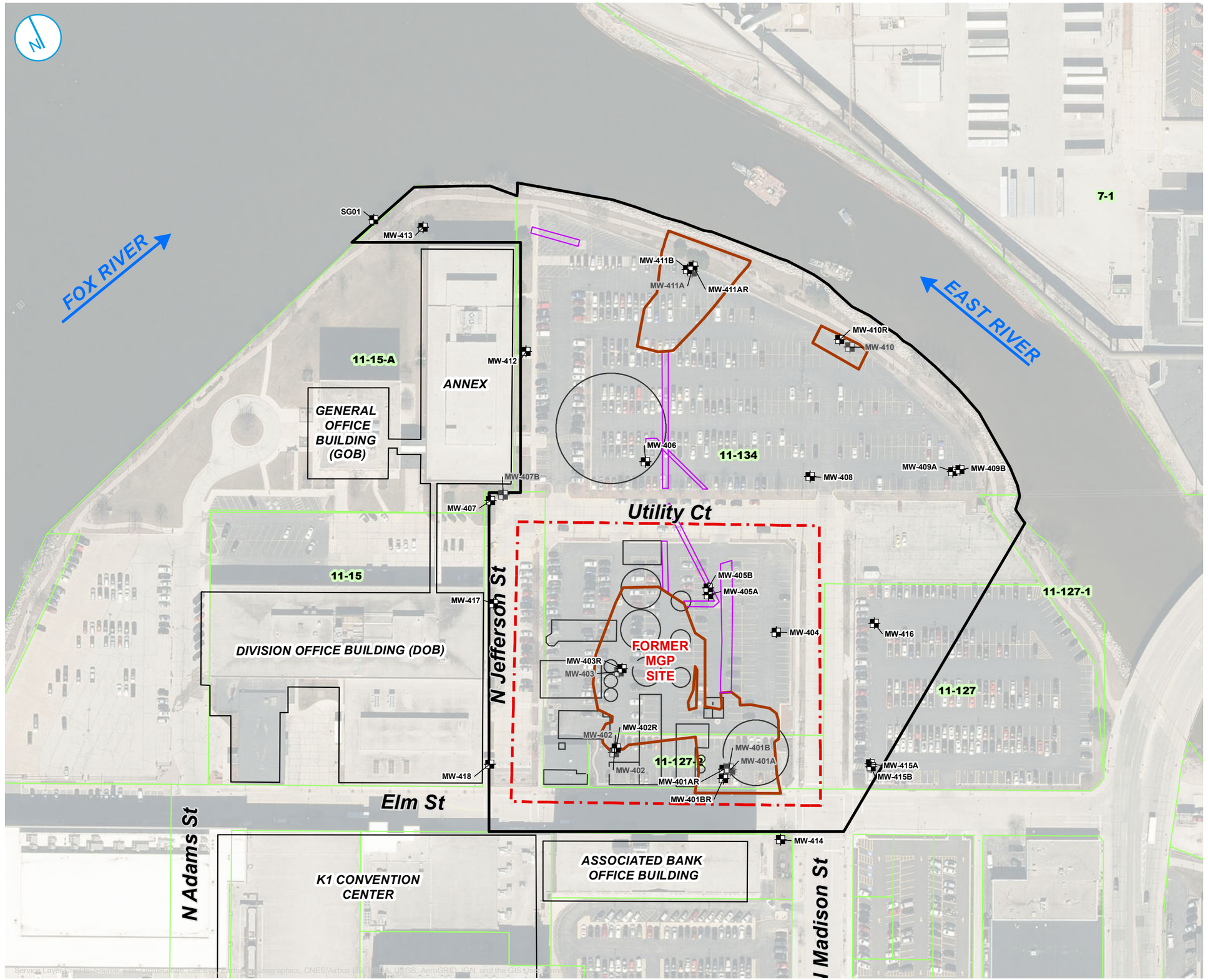


Frank Dombrowski
Principal Environmental Consultant
WEC Business Services – Environmental Dept.

Enclosures:
Figure 1 – Groundwater Monitoring Well Locations
Table 1 – Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria
Table 2 – Groundwater Analytical Results Compared to the VISLs
Green Bay MGP December 2022 MPR SharePoint Link

For distribution to: Ms. Sarah Krueger, WDNR (via US Mail and email)
WDNR Northeast Region (via email to DNRRRNER@wisconsin.gov)
Ms. Adrienne Korpela, Jacobs (via email)
Mr. Dave Klatt, Jacobs (via email)
Dr. Staci Goetz, Ramboll (via email)

FIGURES



MONITORING WELL/STAFF GAUGE LOCATION
ABANDONED MONITORING WELL LOCATION
FORMER STRUCTURE
SOIL REMEDIATION EXCAVATION AREAS (2003)
SOIL REMEDIATION MGP PIPING RUNS
UPLAND SITE BOUNDARY
FORMER MGP
BUILDING FOOTPRINT
TAX PARCEL

0 62.5 125
Feet

GROUNDWATER MONITORING LOCATIONS

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

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

Y:\GIS\Projects\15\1584\MXD\MPR\2019_Ramb\Figure 1_GW Locations.mxd
PROJECT: 169000XXXX | DATED: 12/9/2019 | DESIGNER: STOLZSD

TABLES

Table 1. November 2022 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria

December 2022 Monthly Progress Report
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	PVOC 1,2,4-Trimethylbenzene	PVOC 1,3,5-Trimethylbenzene	PVOC Trimethylbenzenes, Total[1]	PVOC Benzene	PVOC Ethylbenzene	PVOC Toluene	PVOC Xylene, o	PVOC Xylenes, m + p	PVOC Xylenes, Total
Reporting Units:			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
WI Groundwater SL:			**NS**	**NS**	**480**	**5**	**700**	**800**	**NS**	**NS**	**2,000**
WI Groundwater PAL:			NS	NS	96	0.5	140	160	NS	NS	400
Tap Water RSL:			*56*	*60*	*NS*	*0.46*	*1.5*	*1,100*	*190*	*190*	*190*
110822021	MW-401BR	11/08/2022	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
110822020	MW-402R	11/08/2022	33.0	1.8 U	33.0	***438***	*51.4*	8.8	16.1	35.1	51.3
110822024	MW-403R	11/08/2022	5.0	0.36 U	5.00	***259***	*14.7*	2.5	12.8	6.8	19.6
110822022	MW-404	11/08/2022	0.45 U	6.4	6.40	*0.71* J	1.1	0.29 U	2.2	0.70 U	2.6 J
110822023	MW-405B	11/08/2022	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
110822014/110822015 (N)	MW-406	11/08/2022	0.45 U	0.36 U	0.81 U	*2.3*	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U
110722003	MW-407	11/07/2022	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
110822013	MW-408	11/08/2022	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
110822011	MW-409A	11/08/2022	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
110822012	MW-409B	11/08/2022	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
110722008/110722009 (N)	MW-410R	11/07/2022	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
110722006	MW-411AR	11/07/2022	0.45 U	0.36 U	0.81 U	***7.1***	0.44 J	0.29 U	0.35 U	0.70 U	1.0 U
110722007	MW-411B	11/07/2022	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
110722004	MW-412	11/07/2022	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
110722005	MW-413	11/07/2022	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
110822019	MW-414	11/08/2022	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
110822017	MW-415A	11/08/2022	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
110822018	MW-415B	11/08/2022	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
110822016	MW-416	11/08/2022	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
110722002	MW-417	11/07/2022	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
110722001	MW-418	11/07/2022	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
110722010	EB01	11/07/2022	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
110822025	EB02	11/08/2022	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
110822026	TB01	11/08/2022	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
110822027	TB02	11/08/2022	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
110822028	TB03	11/08/2022	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

9-digit Code	Sample Location	Sample Date	PAH 1-Methylnaphthalene	PAH 2-Methylnaphthalene	PAH Acenaphthene	PAH Acenaphthylene	PAH Anthracene	PAH Benzo(a)anthracene	PAH Benzo(a)pyrene	PAH Benzo(b)fluoranthene	PAH Benzo(g,h,i)perylene	PAH Benzo(k)fluoranthene	PAH Chrysene	PAH Dibenz(a,h)anthracene	PAH Fluoranthene	PAH Fluorene	PAH Indeno(1,2,3-cd)pyrene	PAH Naphthalene	PAH Phenanthrene	PAH Pyrene
Reporting Units:			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			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 SL:			**NS**	**NS**	**NS**	**NS**	**3,000**	**NS**	**0.2**	**0.2**	**NS**	**NS**	**0.2**	**NS**	**400**	**400**	**NS**	**100**	**3,000**	**250**
WI Groundwater PAL:			NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
Tap Water RSL:			*1.1*	*36*	*530*	*530*	*1,800*	*0.03*	*0.025*	*0.25*	*120*	*2.5*	*25*	*0.025*	*800*	*290*	*0.25*	*0.12*	*1,800*	*120*
110822021	MW-401BR	11/08/2022	0.019 U	0.014 U	0.015 U	0.013 U	0.020 J	*0.067*	*0.092*	0.17	0.099	0.074	0.16	0.019 U	0.32	0.025 U	0.075	0.021 J	0.15	0.29
110822020	MW-402R	11/08/2022	*159*	26.4	35.4	3.0 J	3.6 J	1.1 U	1.1 U	0.77 U	2.0 U	1.9 U	1.1 U	1.5 U	2.2 U	20.1	1.3 U	***476***	26.4	1.9 U
110822024	MW-403R	11/08/2022	*11.7*	2.5	3.3	0.64 J	0.77 U	0.57 U	0.53 U	0.38 U	0.97 U	0.93 U	0.52 U	0.74 U	1.1 U	2.2	0.65 U	***193***	3.6	0.94 U
110822022	MW-404	11/08/2022	0.32	0.014 U	2.5	0.45	0.28	0.018 J	0.017 J	0.024 J	0.024 U	0.023 U	0.025 J	0.019 U	0.23	0.099	0.016 U	*0.48*	0.027 U	0.44
110822023	MW-405B	11/08/2022	0.019 U	0.015 U	0.015 U	0.019 J	0.046 J	*0.095*	*0.18*	***0.36***	0.28	0.14	**0.28**	*0.041* J	0.50	0.033 J	0.20	0.029 J	0.12	0.43
110822014/110822015 (N)	MW-406	11/08/2022	0.024 J	0.015 U	0.015 U	0.038 J	0.051 J	0.019 J	*0.028* J	0.12	0.056	0.040 J	0.085	0.019 U	0.22	0.025 U	0.041 J	0.053 J	0.028 U	0.16
110722003	MW-407	11/07/2022	0.041 U	0.031 U	0.032 U	0.029 U	0.042 U	0.031 U	0.029 U	0.021 U	0.053 U	0.051 U	0.029 U	0.040 U	0.059 U	0.053 U	0.035 U	0.045 U	0.058 U	0.051 U
110822013	MW-408	11/08/2022	0.13	0.014 U	0.022 J	0.027 J	0.25	*0.34*	***0.45***	***0.88***	0.57	0.33	**0.76**	*0.087*	2.5	0.18	*0.42*	0.032 J	0.24	1.7
110822011	MW-409A	11/08/2022	0.019 U	0.015 U	0.015 U	0.049 J	0.090	*0.058*	*0.19*	***0.54***	0.44	0.17	**0.35**	*0.062*	0.38	0.025 U	*0.32*	0.021 U	0.067	0.36
110822012	MW-409B	11/08/2022	0.019 U	0.015 U	0.015 U	0.014 U	0.020 J	*0.034* J	*0.066*	0.13	0.11	0.058	0.091	0.019 U	0.12	0.025 U	0.076	0.021 U	0.032 J	0.11
110722008/110722009 (N)	MW-410R	11/07/2022	0.018 U	0.014 U	0.014 U	0.013 U	0.073	0.014 U	0.013 U	0.0096 J	0.024 U	0.023 U	0.013 U	0.018 U	0.027 U	0.024 U	0.016 U	0.028 J	0.028 J	0.024 J
110722006	MW-411AR	11/07/2022	0.15	0.087	0.085	0.052 J	0.034 J	*0.044* J	*0.032* J	0.070	0.063	0.031 J	0.065	0.019 U	0.087	0.053 J	0.041 J	*0.57*	0.12	0.12
110722007	MW-411B	11/07/2022	0.019 U	0.015 U	0.015 U	0.019 J	0.034 J	*0.11*	***0.30***	***0.72***	0.60	0.22	**0.41**	*0.071*	0.62	0.025 U	*0.44*	0.021 U	0.17	0.52
110722004	MW-412	11/07/2022	0.020 U	0.015 U	0.015 U	0.014 U	0.044 J	0.015 U	0.014 U	0.010 U	0.026 U	0.024 U	0.014 U	0.020 U	0.029 U	0.026 U	0.017 U	0.023 J	0.028 U	0.025 U
110722005	MW-413	11/07/2022	0.020 U	0.015 U	0.015 U	0.014 U	0.020 U	0.015 U	0.014 U	0.0099 U	0.025 U	0.024 U	0.014 U	0.019 U	0.029 U	0.026 U	0.017 U	0.022 U	0.028 U	0.025 U
110822019	MW-414	11/08/2022	0.019 U	0.015 U	0.015 U	0.013 U	0.020 U	0.015 U	0.014 U	0.0097 U	0.025 U	0.024 U	0.013 U	0.019 U	0.028 U	0.025 U	0.017 U	0.021 U	0.027 U	0.024 U
110822017	MW-415A	11/08/2022	0.019 U	0.015 U	0.015 U	0.014 U	0.020 U	0.016 J	*0.038* J	0.064	0.039 J	0.044 J	0.056	0.019 U	0.091	0.025 U	0.029 J	0.026 J	0.046 J	0.083
110822018	MW-415B	11/08/2022	0.019 U	0.014 U	0.014 U	0.013 U	0.019 U	0.023 J	*0.035* J	0.069	0.041 J	0.042 J	0.064	0.019 U	0.10	0.024 U	0.031 J	0.021 U	0.047 J	0.096
110822016	MW-416	11/08/2022	0.020 U	0.015 U	0.015 U	0.014 U	0.041 J	0.020 J	*0.038* J	0.081	0.045 J	0.035 J	0.064	0.020 U	0.099	0.026 U	0.036 J	0.022 U	0.042 J	0.086
110722002	MW-417	11/07/2022	0.019 U	0.015 U	0.015 U	0.013 U	0.020 U	0.014 U	0.013 U	0.0097 U	0.025 U	0.024 U	0.013 U	0.019 U	0.028 U	0.025 U	0.016 U	0.021 U	0.027 U	0.024 U
110722001	MW-418	11/07/2022	0.019 U	0.014 U	0.015 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0095 U	0.024 U	0.023 U	0.013 U	0.019 U	0.027 U	0.025 U	0.016 U	0.021 U	0.027 U	0.024 U
110722010	EB01	11/07/2022	0.019 U	0.015 U	0.015 U	0.014 U	0.020 U	0.015 U	0.014 U	0.0099 U	0.025 U	0.024 U	0.014 U	0.019 U	0.028 U	0.026 U	0.017 U	0.022 U	0.028 U	0.025 U
110822025	EB02	11/08/2022	0.019 U	0.015 U	0.015 U	0.040 J	0.020 U	0.028 J	0.041 J	0.046 J	0.031 J	0.024 U	0.050 J	0.019 U	0.041 J	0.025 U	0.023 J	0.022 U	0.028 U	0.058
110822026	TB01	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110822027	TB02	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110822028	TB03	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	PVOC 1,2,4-Trimethylbenzene	PVOC 1,3,5-Trimethylbenzene	PVOC Trimethylbenzenes, Total[1]	PVOC Benzene	PVOC Ethylbenzene	PVOC Toluene	PVOC Xylene, o	PVOC Xylenes, m + p	PVOC Xylenes, Total
Total Number of Samples Analyzed:	21	21	21	21	21	21	21	21	21
Number of Detections:	2	1	3	5	4	2	3	2	3
Min:	5	6.4	5	0.71	0.44	2.5	2.2	6.8	2.6
Max:	33	6.4	33	438	51.4	8.8	16.1	35.1	51.3
WI Groundwater SL:	NS	NS	480	5	700	800	NS	NS	2000
Exceedance count:	0	0	0	3	0	0	0	0	0
WI Groundwater PAL:	NS	NS	96	0.5	140	160	NS	NS	400
Exceedance count:	0	0	0	5	0	0	0	0	0
Tap Water RSL:	56	60	NS	0.46	1.5	1100	190	190	190
Exceedance count:	0	0	0	5	2	0	0	0	0

	PAH 1-Methylnaphthalene	PAH 2-Methylnaphthalene	PAH Acenaphthene	PAH Acenaphthylene	PAH Anthracene	PAH Benzo(a)anthracene	PAH Benzo(a)pyrene	PAH Benzo(b)fluoranthene	PAH Benzo(g,h,i)perylene	PAH Benzo(k)fluoranthene	PAH Chrysene	PAH Dibenz(a,h)anthracene	PAH Fluoranthene	PAH Fluorene	PAH Indeno(1,2,3-cd)pyrene	PAH Naphthalene	PAH Phenanthrene	PAH Pyrene
Total Number of Samples Analyzed:	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Number of Detections:	6	3	5	9	13	12	12	13	11	11	12	4	12	6	11	11	13	13
Min:	0.024	0.087	0.022	0.019	0.02	0.016	0.017	0.0096	0.039	0.031	0.025	0.041	0.087	0.033	0.029	0.021	0.028	0.024
Max:	159	26.4	35.4	3	3.6	0.34	0.45	0.88	0.6	0.33	0.76	0.087	2.5	20.1	0.44	476	26.4	1.7
WI Groundwater SL:	NS	NS	NS	NS	3000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	100	3000	250
Exceedance count:	0	0	0	0	0	0	2	4	0	0	4	0	0	0	0	2	0	0
WI Groundwater PAL:	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
Exceedance count:	0	0	0	0	0	0	11	12	0	0	12	0	0	0	0	2	0	0
Tap Water RSL:	1.1	36	530	530	1800	0.03	0.025	0.25	120	2.5	25	0.025	800	290	0.25	0.12	1800	120
Exceedance count:	2	0	0	0	0	7	11	4	0	0	0	4	0	0	3	4	0	0

Underline	attains or exceeds the WI Groundwater PAL
Italic	exceeds the Tap Water RSL
Pink Highlighting	Groundwater SL exceedance; results only exceeding the PAL and/or Tap Water criteria are not highlighted.
Yellow Highlighting	analyte concentration exceedance in one or more samples

Statistics exclude the quality control samples (Equipment and Trip blanks)

Screening Levels:
Screening Levels used on this table were presented in the Multi-Site Risk Assessment Framework (RAF) Addendum Revision 6, issued in August 2017. Since that time, eleven revisions of the RSLs have been published by EPA through November 2022. The RSLs necessary for the MGP-related constituents evaluated in this table 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
NA = Not Applicable
U = Concentration was not detected above the reported limit

Acronyms:
(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
EB = Equipment Blank
EPA = Environmental Protection Agency
MCL = Maximum Contaminant Level
MGP = Manufactured Gas Plant
NO2 + NO3 = nitrite plus nitrate
NS = No Screening Level/No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
RSL = Regional Screening Level
SL = Screening Level
TB = Trip Blank
USEPA = United States Environmental Protection Agency
WI = Wisconsin

Superscripts:
1. Total Trimethylbenzenes were calculated by Ramboll as follows
   a. Where no detections were observed, the sum of the reporting limits is presented
   b. Where detections were observed, only the detected results were added together for the total summation
   c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Table 1. November 2022 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria

December 2022 Monthly Progress Report
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field	Field
			Arsenic, Total	Barium, Total	Cadmium, Total	Chromium, Total	Iron, Total	Lead, Total	Manganese, Total	Mercury, Total	Selenium, Total	Silver, Total	Nitrogen, NO2 + NO3, Total	Sulfate, Total	Methane	Dissolved oxygen	Groundwater, depth to	Oxidation Reduction Potential	pH, Field	Specific Conductance, Field	Temperature, Water	Turbidity, Quantitative
Reporting Units:			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	feet	millivolts	s.u.	µS/cm	Deg C	NTUs
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
WI Groundwater SL:			**10**	**2,000**	**5**	**100**	**NS**	**15**	**300**	**2**	**50**	**50**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
WI Groundwater PAL:			1	400	0.5	10	150	1.5	60	0.2	10	10	2,000	125,000	NS	NS	NS	NS	NS	NS	NS	NS
Tap Water RSL:			*0.052*	*3,800*	*1.8*	*22,000*	*14,000*	*15*	*430*	*5.7*	*100*	*94*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
110822021	MW-401BR	11/08/2022	*0.98* J	44.1	0.30 U	2.0 U	116 U	0.74 J	***497***	0.066 U	0.63 U	0.25 U	1,300	1,280,000	12.6	0.66	8.59	54.0	7.37	3461.7	12.92	0.00
110822020	MW-402R	11/08/2022	*2.0* J	395	0.76 U	5.1 U	2,960	1.6 J	178	0.066 U	1.6 U	0.64 U	75 J	68,800	465	0.62	3.96	-106.5	7.83	5653.3	14.91	5.60
110822024	MW-403R	11/08/2022	*1.9* J	178	0.76 U	5.1 U	403 J	0.47 U	104	0.066 U	1.6 U	0.64 U	59 U	1,720,000	44.5	0.45	3.14	-179.0	8.64	7,707	16.47	0.13
110822022	MW-404	11/08/2022	*1.6* J	110	0.76 U	5.1 U	800 J	0.47 U	***305***	0.066 U	1.6 U	0.64 U	59 U	361,000	24.8	0.50	1.52	16.0	7.58	6256.7	16.40	2.14
110822023	MW-405B	11/08/2022	*4.3* J	40.9	0.76 U	5.1 U	409 J	0.47 U	208	0.066 U	1.6 U	0.64 U	59 U	231,000	75.6	0.55	4.26	-145.3	8.46	5214.1	14.71	0.10
110822014/110822015 (N)	MW-406	11/08/2022	*4.8* J	51.9	0.76 U	5.1 U	1,450	0.47 U	***343***	0.066 U	1.6 U	0.64 U	59 U	90,800	502	0.46	1.97	-120.7	7.88	5388.3	15.59	3.06
110722003	MW-407	11/07/2022	*3.8*	197	0.30 U	2.0 U	6,880	0.47 U	***336***	0.066 U	3.2	0.25 U	260	48,400	297	0.57	1.97	-73.7	7.12	3459.6	14.74	0.10
110822013	MW-408	11/08/2022	*3.4* J	197	0.76 U	5.1 U	*20,500*	0.47 U	***1,840***	0.066 U	1.6 U	0.64 U	59 U	18,000 J	1,390	0.60	2.02	-110.1	7.37	6404.1	16.00	81.23
110822011	MW-409A	11/08/2022	*4.5* J	69.7	1.5 U	10.2 U	4,380	13.0	***522***	0.066 U	3.2 U	1.3 U	200 J	287,000	292	0.49	1.91	-147.4	7.73	13,747	15.12	57.81
110822012	MW-409B	11/08/2022	*1.2* J	14.8	0.30 U	2.0 U	116 U	0.47 U	2.4 U	0.066 U	0.63 U	0.25 U	710	460,000	0.58 U	1.67	5.87	23.2	7.88	1416.2	13.75	0.00
110722008/110722009 (N)	MW-410R	11/07/2022	*3.8* J	411	0.76 U	5.1 U	11,200	0.47 U	***686***	0.066 U	1.6 U	0.64 U	65 J	28,900	4,940	0.59	4.19	-57.8	6.41	6,604	15.45	10.67
110722006	MW-411AR	11/07/2022	***51.2***	2.7 J	0.30 U	5.2 J	116 U	1.3 J	2.4 U	0.066 U	1.5 J	0.25 U	500	60,300	1.3 J	7.37	2.90	-61.5	9.64	1090.9	13.79	111.22
110722007	MW-411B	11/07/2022	*3.5* J	33.6	0.76 U	5.1 U	322 J	0.47 U	273	0.066 U	1.6 U	0.64 U	59 U	588,000	38.6	0.78	6.24	-58.7	7.47	4753.6	12.76	0.00
110722004	MW-412	11/07/2022	*3.3* J	414	0.76 U	5.1 U	*34,000*	1.2 U	***1,190***	0.066 U	1.6 U	0.64 U	59 U	22,200 U	4,150	0.59	7.57	-111.1	6.79	6839.3	14.50	0.26
110722005	MW-413	11/07/2022	*1.0* J	89.3	0.30 U	2.0 U	9,260	0.47 U	158	0.066 U	0.63 U	0.25 U	59 U	1,000 J	5,310	0.60	5.70	-24.3	6.36	549.5	12.03	6.79
110822019	MW-414	11/08/2022	2.8 U	311	1.5 U	10.2 U	580 U	0.47 U	***465***	0.066 U	3.2 U	1.3 U	78 J	91,700	24.9	0.85	4.55	-31.1	7.72	9203.7	13.30	6.55
110822017	MW-415A	11/08/2022	1.4 U	90.8	0.76 U	5.1 U	290 U	0.47 U	42.8	0.066 U	1.6 U	0.64 U	59 U	305,000	1.1 J	0.59	3.23	44.0	7.54	5761.3	14.26	86.73
110822018	MW-415B	11/08/2022	*1.1* J	19.1	0.30 U	2.0 U	116 U	0.47 U	3.1 J	0.066 U	0.63 U	0.25 U	230 J	1,650,000	1.0 J	3.63	5.13	69.4	8.02	2529.7	13.70	0.00
110822016	MW-416	11/08/2022	5.6 U	189	3.0 U	20.4 U	5,170	1.2 U	***1,350***	0.066 U	6.3 U	2.5 U	59 U	162,000 J	71.6	0.51	3.25	-16.6	7.23	20,978	16.55	0.08
110722002	MW-417	11/07/2022	*2.2*	286	0.30 U	2.0 U	2,540	0.65 J	256	0.066 U	17.9	0.25 U	25,200	926,000	885	0.69	4.35	-69.5	6.68	8081.3	13.46	2.37
110722001	MW-418	11/07/2022	0.56 U	215	0.45 J	2.0 U	116 U	0.60 J	145	0.066 U	10.3	0.25 U	11,300	153,000	0.77 J	7.23	4.05	227.3	6.91	2981.7	13.96	0.00
110722010	EB01	11/07/2022	0.28 U	0.70 U	0.24 J	2.9 J	73.2 J	0.53 J	1.2 U	0.066 U	0.32 U	0.13 J	--	--	--	--	--	--	--	--	--	--
110822025	EB02	11/08/2022	0.28 U	0.70 U	0.15 U	1.0 U	58.0 U	0.24 U	1.2 U	0.066 U	0.32 U	0.13 U	--	--	--	--	--	--	--	--	--	--
110822026	TB01	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110822027	TB02	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110822028	TB03	11/08/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Number of Samples Analyzed:			21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Number of Detections:			17	21	1	1	14	6	19	0	4	0	11	20	20	21	21	21	21	21	21	21
Min:			0.98	2.7	0.45	5.2	322	0.6	3.1	NA	1.5	NA	65	1000	0.77	0.45	1.52	-179	6.36	549.5	12.03	0
Max:			51.2	414	0.45	5.2	34,000	13	1,840	NA	17.9	NA	25,200	1,720,000	5,310	7.37	8.59	227.3	9.64	20,978	16.55	111.22
WI Groundwater SL:			10	2000	5	100	NS	15	300	2	50	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Exceedance count:			1	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
WI Groundwater PAL:			1	400	0.5	10	150	1.5	60	0.2	10	10	2000	125000	NS	NS	NS	NS	NS	NS	NS	NS
Exceedance count:			16	2	0	0	14	2	17	0	2	0	2	12	0	0	0	0	0	0	0	0
Tap Water RSL:			0.052	3800	1.8	22000	14000	15	430	5.7	100	94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Exceedance count:			17	0	0	0	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0

[O:MGP 1/9/23]

Underline	attains or exceeds the WI Groundwater PAL
Italic	exceeds the Tap Water RSL
Pink Highlighting	Groundwater SL exceedance; results only exceeding the PAL and/or Tap Water criteria are not highlighted.
Yellow Highlighting	analyte concentration exceedance in one or more samples

Statistics exclude the quality control samples (Equipment and Trip blanks)

Results & Flags:
-- = Analysis not performed
J = Estimated Concentration
NA = Not Applicable
U = Concentration was not detected above the reported limit

Superscripts:
1. Total Trimethylbenzenes were calculated by Ramboll as follows
   a. Where no detections were observed, the sum of the reporting limits is presented
   b. Where detections were observed, only the detected results were added together for the total summation
   c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Screening Levels:
Screening Levels used on this table were presented in the Multi-Site Risk Assessment Framework (RAF) Addendum Revision 6, issued in August 2017. Since that time, eleven revisions of the RSLs have been published by EPA through November 2022. The RSLs necessary for the MGP-related constituents evaluated in this table 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

Acronyms:
(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
EB = Equipment Blank
EPA = Environmental Protection Agency
MCL = Maximum Contaminant Level
MGP = Manufactured Gas Plant
NO2 + NO3 = nitrite plus nitrate
NS = No Screening Level/No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
PVOC = Petroleum Volatile Organic Compound
RSL = Regional Screening Level
SL = Screening Level
TB = Trip Blank
USEPA = United States Environmental Protection Agency
WI = Wisconsin

Table 2. November 2022 Groundwater Analytical Results Compared to VISLs

December 2022 Monthly Progress Report
Wisconsin Public Service Corporation
Green Bay Former Manufactured Gas Plant Site
700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

9-digit Code	Sample Location	Sample Date	PVOC 1,2,4-Trimethylbenzene	PVOC 1,3,5-Trimethylbenzene	PVOC Trimethylbenzenes, Total[1]	PVOC Benzene	PVOC Ethylbenzene	PVOC Toluene	PVOC Xylene, o	PVOC Xylenes, m + p	PVOC Xylenes, Total	PAH Naphthalene
Reporting Units:			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
Groundwater VISL, Industrial:			**1,040**	**733**	**1,040**	**6.9**	**15**	**80,700**	**2,070**	**1,490**	**1,620**	**20**
Groundwater VISL, Residential:			248	175	248	1.6	3.5	19,200	492	355	385	4.6
110822021	MW-401BR	11/08/2022	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	0.021 J
110822020	MW-402R	11/08/2022	33.0	1.8 U	33.0	**438**	**51.4**	8.8	16.1	35.1	51.3	**476**
110822024	MW-403R	11/08/2022	5.0	0.36 U	5.0	**259**	14.7	2.5	12.8	6.8	19.6	**193**
110822022	MW-404	11/08/2022	0.45 U	6.4	6.4	0.71 J	1.1	0.29 U	2.2	0.70 U	2.6 J	0.48
110822023	MW-405B	11/08/2022	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	0.029 J
110822014/110822015 (N)	MW-406	11/08/2022	0.45 U	0.36 U	0.81 U	2.3	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.053 J
110722003	MW-407	11/07/2022	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	0.045 U
110822013	MW-408	11/08/2022	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	0.032 J
110822011	MW-409A	11/08/2022	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	0.021 U
110822012	MW-409B	11/08/2022	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	0.021 U
110722008/110722009 (N)	MW-410R	11/07/2022	0.45 U	0.36 U	0.81 U	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.028 J
110722006	MW-411AR	11/07/2022	0.45 U	0.36 U	0.81 U	**7.1**	0.44 J	0.29 U	0.35 U	0.70 U	1.0 U	0.57
110722007	MW-411B	11/07/2022	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	0.021 U
110722004	MW-412	11/07/2022	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	0.023 J
110722005	MW-413	11/07/2022	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	0.022 U
110822019	MW-414	11/08/2022	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	0.021 U
110822017	MW-415A	11/08/2022	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	0.026 J
110822018	MW-415B	11/08/2022	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	0.021 U
110822016	MW-416	11/08/2022	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	0.022 U
110722002	MW-417	11/07/2022	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	0.021 U
110722001	MW-418	11/07/2022	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	0.021 U
110722010	EB01	11/07/2022	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	0.022 U
110822025	EB02	11/08/2022	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	0.022 U
110822026	TB01	11/08/2022	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	--
110822027	TB02	11/08/2022	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	--
110822028	TB03	11/08/2022	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	--

[O:MGP 1/9/23]

Only parameters with VISL will be presented; please refer to Table 1 for results for other parameters

Bold	exceeds the Groundwater VISL, Industrial
Underline	exceeds the Groundwater VISL, Residential
Pink Highlighting	result exceeds one or more screening criteria

Screening Levels:
Screening Levels used on this table were presented in the Multi-Site Risk Assessment Framework (RAF) Addendum Revision 6, issued in August 2017. Since that time, eleven revisions of the RSLs have been published by EPA through November 2022. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the

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   c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Results & Flags:
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PAH = Polycyclic Aromatic Hydrocarbon
PVOC = Petroleum Volatile Organic Compound
RSL = Regional Screening Level
TB = Trip Blank
USEPA = United States Environmental Protection Agency
VISL = Vapor Intrusion Screening Level
WI = Wisconsin

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

ANALYTICAL LABORATORY REPORTS

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

December 12, 2022

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

RE: Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2022. 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
Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, Ramboll

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

CERTIFICATIONS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

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

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254438001	**110722003**	Water	11/07/22 12:24	11/09/22 07:40
40254438002	**110722005**	Water	11/07/22 14:26	11/09/22 07:40
40254438003	**110722006**	Water	11/07/22 15:13	11/09/22 07:40
40254438004	**110722007**	Water	11/07/22 15:44	11/09/22 07:40
40254438005	**110722008**	Water	11/07/22 16:22	11/09/22 07:40
40254438006	**110722009**	Water	11/07/22 16:27	11/09/22 07:40
40254438007	**110722010**	Water	11/07/22 16:45	11/09/22 07:40
40254438008	**110822011**	Water	11/08/22 07:39	11/09/22 07:40
40254438009	**110822012**	Water	11/08/22 08:07	11/09/22 07:40
40254438010	**110822013**	Water	11/08/22 09:09	11/09/22 07:40
40254438011	**110822014**	Water	11/08/22 09:56	11/09/22 07:40
40254438012	**110822015**	Water	11/08/22 10:01	11/09/22 07:40
40254438013	**110822022**	Water	11/08/22 14:29	11/09/22 07:40
40254438014	**110822023**	Water	11/08/22 15:01	11/09/22 07:40
40254438015	**110822024**	Water	11/08/22 15:42	11/09/22 07:40
40254438016	**110822025**	Water	11/08/22 16:00	11/09/22 07:40
40254438017	**110822026**	Water	11/08/22 00:00	11/09/22 07:40
40254438018	**110822027**	Water	11/08/22 00:00	11/09/22 07:40
40254438019	**110822028**	Water	11/08/22 00:00	11/09/22 07:40

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SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254438001	**110722003**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438002	**110722005**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438003	**110722006**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438004	**110722007**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438005	**110722008**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438006	**110722009**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9

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SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438007	**110722010**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
40254438008	**110822011**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438009	**110822012**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438010	**110822013**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438011	**110822014**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

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SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254438012	**110822015**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438013	**110822022**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438014	**110822023**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438015	**110822024**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254438016	**110822025**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
40254438017	**110822026**	EPA 8260	JAV	11
40254438018	**110822027**	EPA 8260	JAV	11
40254438019	**110822028**	EPA 8260	JAV	11

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REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
14 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: 431223

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40254438001

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

- MSD (Lab ID: 2483139)
  - Methane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2483139)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
16 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: 432392

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

- 110722003 (Lab ID: 40254438001)
  - Silver
  - Cadmium
  - Chromium
  - Lead
- 110722005 (Lab ID: 40254438002)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

Analyte Comments:

QC Batch: 432392

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

- 110722005 (Lab ID: 40254438002)
  - Lead
  - Selenium
- 110722006 (Lab ID: 40254438003)
  - Silver
  - Barium
  - Cadmium
  - Chromium
  - Iron
  - Manganese
  - Lead
  - Selenium
- 110722007 (Lab ID: 40254438004)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium
- 110722008 (Lab ID: 40254438005)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110722009 (Lab ID: 40254438006)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822011 (Lab ID: 40254438008)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Selenium
- 110822012 (Lab ID: 40254438009)
  - Silver
  - Arsenic

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

Analyte Comments:

QC Batch: 432392

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

- 110822012 (Lab ID: 40254438009)
  - Cadmium
  - Chromium
  - Iron
  - Manganese
  - Lead
  - Selenium
- 110822013 (Lab ID: 40254438010)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822014 (Lab ID: 40254438011)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822015 (Lab ID: 40254438012)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822022 (Lab ID: 40254438013)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium
- 110822023 (Lab ID: 40254438014)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

Analyte Comments:

QC Batch: 432392

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

- 110822023 (Lab ID: 40254438014)
  - Selenium
- 110822024 (Lab ID: 40254438015)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 7470**
Description: 7470 Mercury
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
16 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 MGP
Pace Project No.: 40254438

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
16 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.

QC Batch: 431230

S0: Surrogate recovery outside laboratory control limits.

- 110822011 (Lab ID: 40254438008)
  - 2-Fluorobiphenyl (S)
  - Terphenyl-d14 (S)
- 110822015 (Lab ID: 40254438012)
  - 2-Fluorobiphenyl (S)

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: 431230

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

Analyte Comments:

QC Batch: 431112

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

- 110722003 (Lab ID: 40254438001)
  - Naphthalene
- MS (Lab ID: 2482491)
  - Naphthalene
- MSD (Lab ID: 2482492)
  - Naphthalene

QC Batch: 431230

1q: This sample could not be re-extracted within hold time.

- 110822011 (Lab ID: 40254438008)
  - 2-Fluorobiphenyl (S)
  - Terphenyl-d14 (S)
- 110822015 (Lab ID: 40254438012)
  - 2-Fluorobiphenyl (S)

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
14 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.

QC Batch: 431618

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40254438002

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

- MS (Lab ID: 2485494)
  - Sulfate
- MSD (Lab ID: 2485495)
  - Sulfate

Additional Comments:

Analyte Comments:

QC Batch: 431618

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

- 110822013 (Lab ID: 40254438010)
  - Sulfate

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

General Information:
14 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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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722003 **Lab ID: 40254438001** Collected: 11/07/22 12:24 Received: 11/09/22 07:40 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	**297**	ug/L	5.6	1.2	2		11/11/22 12:20	74-82-8	M1,R1
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**3.8**	ug/L	2.0	0.56	2	11/29/22 04:09	12/09/22 08:23	7440-38-2	
Barium	**197**	ug/L	4.7	1.4	2	11/29/22 04:09	12/07/22 21:58	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	11/29/22 04:09	12/07/22 21:58	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	11/29/22 04:09	12/09/22 08:23	7440-47-3	D3
Iron	**6880**	ug/L	500	116	2	11/29/22 04:09	12/09/22 08:23	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/07/22 21:58	7439-92-1	D3
Manganese	**336**	ug/L	8.1	2.4	2	11/29/22 04:09	12/09/22 08:23	7439-96-5	
Selenium	**3.2**	ug/L	2.1	0.63	2	11/29/22 04:09	12/09/22 08:23	7782-49-2	
Silver	**<0.25**	ug/L	1.0	0.25	2	11/29/22 04:09	12/07/22 21:58	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 07:21	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.032**	ug/L	0.11	0.032	2	11/10/22 08:35	11/11/22 22:34	83-32-9	
Acenaphthylene	**<0.029**	ug/L	0.11	0.029	2	11/10/22 08:35	11/11/22 22:34	208-96-8	
Anthracene	**<0.042**	ug/L	0.11	0.042	2	11/10/22 08:35	11/11/22 22:34	120-12-7	
Benzo(a)anthracene	**<0.031**	ug/L	0.11	0.031	2	11/10/22 08:35	11/11/22 22:34	56-55-3	
Benzo(a)pyrene	**<0.029**	ug/L	0.11	0.029	2	11/10/22 08:35	11/11/22 22:34	50-32-8	
Benzo(b)fluoranthene	**<0.021**	ug/L	0.11	0.021	2	11/10/22 08:35	11/11/22 22:34	205-99-2	
Benzo(g,h,i)perylene	**<0.053**	ug/L	0.11	0.053	2	11/10/22 08:35	11/11/22 22:34	191-24-2	
Benzo(k)fluoranthene	**<0.051**	ug/L	0.11	0.051	2	11/10/22 08:35	11/11/22 22:34	207-08-9	
Chrysene	**<0.029**	ug/L	0.11	0.029	2	11/10/22 08:35	11/11/22 22:34	218-01-9	
Dibenz(a,h)anthracene	**<0.040**	ug/L	0.11	0.040	2	11/10/22 08:35	11/11/22 22:34	53-70-3	
Fluoranthene	**<0.059**	ug/L	0.11	0.059	2	11/10/22 08:35	11/11/22 22:34	206-44-0	
Fluorene	**<0.053**	ug/L	0.11	0.053	2	11/10/22 08:35	11/11/22 22:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.035**	ug/L	0.11	0.035	2	11/10/22 08:35	11/11/22 22:34	193-39-5	
1-Methylnaphthalene	**<0.041**	ug/L	0.11	0.041	2	11/10/22 08:35	11/11/22 22:34	90-12-0	
2-Methylnaphthalene	**<0.031**	ug/L	0.11	0.031	2	11/10/22 08:35	11/11/22 22:34	91-57-6	
Naphthalene	**<0.045**	ug/L	0.11	0.045	2	11/10/22 08:35	11/11/22 22:34	91-20-3	D3
Phenanthrene	**<0.058**	ug/L	0.11	0.058	2	11/10/22 08:35	11/11/22 22:34	85-01-8	
Pyrene	**<0.051**	ug/L	0.11	0.051	2	11/10/22 08:35	11/11/22 22:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		2	11/10/22 08:35	11/11/22 22:34	321-60-8	
Terphenyl-d14 (S)	79	%	49-120		2	11/10/22 08:35	11/11/22 22:34	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 13:50	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722003 **Lab ID: 40254438001** Collected: 11/07/22 12:24 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 13:50	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 13:50	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 13:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 13:50	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 13:50	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 13:50	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 13:50	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/10/22 13:50	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/10/22 13:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/10/22 13:50	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**48.4**	mg/L	10.0	2.2	5		11/17/22 12:59	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.26**	mg/L	0.25	0.059	1		11/16/22 10:35		

Sample: 110722005 **Lab ID: 40254438002** Collected: 11/07/22 14:26 Received: 11/09/22 07:40 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	**5310**	ug/L	112	23.0	40		11/11/22 12:27	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**1.0J**	ug/L	2.0	0.56	2	11/29/22 04:09	12/09/22 09:21	7440-38-2	D3
Barium	**89.3**	ug/L	4.7	1.4	2	11/29/22 04:09	12/07/22 22:49	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	11/29/22 04:09	12/07/22 22:49	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	11/29/22 04:09	12/09/22 09:21	7440-47-3	D3
Iron	**9260**	ug/L	500	116	2	11/29/22 04:09	12/09/22 09:21	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/07/22 22:49	7439-92-1	D3
Manganese	**158**	ug/L	8.1	2.4	2	11/29/22 04:09	12/09/22 09:21	7439-96-5	
Selenium	**<0.63**	ug/L	2.1	0.63	2	11/29/22 04:09	12/09/22 09:21	7782-49-2	D3
Silver	**<0.25**	ug/L	1.0	0.25	2	11/29/22 04:09	12/07/22 22:49	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:31	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722005 **Lab ID: 40254438002** Collected: 11/07/22 14:26 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.055	0.015	1	11/10/22 08:35	11/14/22 12:31	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.055	0.014	1	11/10/22 08:35	11/14/22 12:31	208-96-8	
Anthracene	**<0.020**	ug/L	0.055	0.020	1	11/10/22 08:35	11/14/22 12:31	120-12-7	
Benzo(a)anthracene	**<0.015**	ug/L	0.055	0.015	1	11/10/22 08:35	11/14/22 12:31	56-55-3	
Benzo(a)pyrene	**<0.014**	ug/L	0.055	0.014	1	11/10/22 08:35	11/14/22 12:31	50-32-8	
Benzo(b)fluoranthene	**<0.0099**	ug/L	0.055	0.0099	1	11/10/22 08:35	11/14/22 12:31	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.055	0.025	1	11/10/22 08:35	11/14/22 12:31	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.055	0.024	1	11/10/22 08:35	11/14/22 12:31	207-08-9	
Chrysene	**<0.014**	ug/L	0.055	0.014	1	11/10/22 08:35	11/14/22 12:31	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.055	0.019	1	11/10/22 08:35	11/14/22 12:31	53-70-3	
Fluoranthene	**<0.029**	ug/L	0.055	0.029	1	11/10/22 08:35	11/14/22 12:31	206-44-0	
Fluorene	**<0.026**	ug/L	0.055	0.026	1	11/10/22 08:35	11/14/22 12:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.055	0.017	1	11/10/22 08:35	11/14/22 12:31	193-39-5	
1-Methylnaphthalene	**<0.020**	ug/L	0.055	0.020	1	11/10/22 08:35	11/14/22 12:31	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.055	0.015	1	11/10/22 08:35	11/14/22 12:31	91-57-6	
Naphthalene	**<0.022**	ug/L	0.055	0.022	1	11/10/22 08:35	11/14/22 12:31	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.055	0.028	1	11/10/22 08:35	11/14/22 12:31	85-01-8	
Pyrene	**<0.025**	ug/L	0.055	0.025	1	11/10/22 08:35	11/14/22 12:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	49	%	44-120		1	11/10/22 08:35	11/14/22 12:31	321-60-8	
Terphenyl-d14 (S)	54	%	49-120		1	11/10/22 08:35	11/14/22 12:31	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 15:54	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 15:54	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 15:54	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 15:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 15:54	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 15:54	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 15:54	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 15:54	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		11/10/22 15:54	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		11/10/22 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/10/22 15:54	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1.0J**	mg/L	2.0	0.44	1		11/23/22 22:36	14808-79-8	M0
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:37		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722006 **Lab ID: 40254438003** Collected: 11/07/22 15:13 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**1.3J**	ug/L	2.8	0.58	1		11/11/22 12:13	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**51.2**	ug/L	2.0	0.56	2	11/29/22 04:09	12/09/22 09:36	7440-38-2	
Barium	**2.7J**	ug/L	4.7	1.4	2	11/29/22 04:09	12/07/22 23:04	7440-39-3	D3
Cadmium	**<0.30**	ug/L	2.0	0.30	2	11/29/22 04:09	12/07/22 23:04	7440-43-9	D3
Chromium	**5.2J**	ug/L	6.8	2.0	2	11/29/22 04:09	12/09/22 09:36	7440-47-3	D3
Iron	**<116**	ug/L	500	116	2	11/29/22 04:09	12/09/22 09:36	7439-89-6	D3
Lead	**1.3J**	ug/L	2.0	0.47	2	11/29/22 04:09	12/07/22 23:04	7439-92-1	D3
Manganese	**<2.4**	ug/L	8.1	2.4	2	11/29/22 04:09	12/09/22 09:36	7439-96-5	D3
Selenium	**1.5J**	ug/L	2.1	0.63	2	11/29/22 04:09	12/09/22 09:36	7782-49-2	D3
Silver	**<0.25**	ug/L	1.0	0.25	2	11/29/22 04:09	12/07/22 23:04	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:33	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.085**	ug/L	0.054	0.015	1	11/10/22 08:35	11/14/22 12:51	83-32-9	
Acenaphthylene	**0.052J**	ug/L	0.054	0.014	1	11/10/22 08:35	11/14/22 12:51	208-96-8	
Anthracene	**0.034J**	ug/L	0.054	0.020	1	11/10/22 08:35	11/14/22 12:51	120-12-7	
Benzo(a)anthracene	**0.044J**	ug/L	0.054	0.015	1	11/10/22 08:35	11/14/22 12:51	56-55-3	
Benzo(a)pyrene	**0.032J**	ug/L	0.054	0.014	1	11/10/22 08:35	11/14/22 12:51	50-32-8	
Benzo(b)fluoranthene	**0.070**	ug/L	0.054	0.0099	1	11/10/22 08:35	11/14/22 12:51	205-99-2	
Benzo(g,h,i)perylene	**0.063**	ug/L	0.054	0.025	1	11/10/22 08:35	11/14/22 12:51	191-24-2	
Benzo(k)fluoranthene	**0.031J**	ug/L	0.054	0.024	1	11/10/22 08:35	11/14/22 12:51	207-08-9	
Chrysene	**0.065**	ug/L	0.054	0.014	1	11/10/22 08:35	11/14/22 12:51	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/10/22 08:35	11/14/22 12:51	53-70-3	
Fluoranthene	**0.087**	ug/L	0.054	0.028	1	11/10/22 08:35	11/14/22 12:51	206-44-0	
Fluorene	**0.053J**	ug/L	0.054	0.026	1	11/10/22 08:35	11/14/22 12:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.041J**	ug/L	0.054	0.017	1	11/10/22 08:35	11/14/22 12:51	193-39-5	
1-Methylnaphthalene	**0.15**	ug/L	0.054	0.019	1	11/10/22 08:35	11/14/22 12:51	90-12-0	
2-Methylnaphthalene	**0.087**	ug/L	0.054	0.015	1	11/10/22 08:35	11/14/22 12:51	91-57-6	
Naphthalene	**0.57**	ug/L	0.054	0.022	1	11/10/22 08:35	11/14/22 12:51	91-20-3	
Phenanthrene	**0.12**	ug/L	0.054	0.028	1	11/10/22 08:35	11/14/22 12:51	85-01-8	
Pyrene	**0.12**	ug/L	0.054	0.025	1	11/10/22 08:35	11/14/22 12:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	83	%	44-120		1	11/10/22 08:35	11/14/22 12:51	321-60-8	
Terphenyl-d14 (S)	93	%	49-120		1	11/10/22 08:35	11/14/22 12:51	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**7.1**	ug/L	1.0	0.30	1		11/10/22 11:30	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722006 **Lab ID: 40254438003** Collected: 11/07/22 15:13 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**0.44J**	ug/L	1.0	0.33	1		11/10/22 11:30	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 11:30	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 11:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 11:30	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 11:30	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 11:30	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 11:30	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		11/10/22 11:30	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 11:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/10/22 11:30	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**60.3**	mg/L	10.0	2.2	5		11/24/22 00:02	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.50**	mg/L	0.25	0.059	1		11/16/22 10:38		

Sample: 110722007 **Lab ID: 40254438004** Collected: 11/07/22 15:44 Received: 11/09/22 07:40 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	**38.6**	ug/L	2.8	0.58	1		11/11/22 10:05	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**3.5J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 09:44	7440-38-2	D3
Barium	**33.6**	ug/L	11.6	3.5	5	11/29/22 04:09	12/07/22 23:11	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/07/22 23:11	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 09:44	7440-47-3	D3
Iron	**322J**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 09:44	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 11:47	7439-92-1	D3
Manganese	**273**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 09:44	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 09:44	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/07/22 23:11	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:36	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722007 **Lab ID: 40254438004** Collected: 11/07/22 15:44 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	11/10/22 08:35	11/14/22 13:11	83-32-9	
Acenaphthylene	**0.019J**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 13:11	208-96-8	
Anthracene	**0.034J**	ug/L	0.053	0.020	1	11/10/22 08:35	11/14/22 13:11	120-12-7	
Benzo(a)anthracene	**0.11**	ug/L	0.053	0.014	1	11/10/22 08:35	11/14/22 13:11	56-55-3	
Benzo(a)pyrene	**0.30**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 13:11	50-32-8	
Benzo(b)fluoranthene	**0.72**	ug/L	0.053	0.0096	1	11/10/22 08:35	11/14/22 13:11	205-99-2	
Benzo(g,h,i)perylene	**0.60**	ug/L	0.053	0.025	1	11/10/22 08:35	11/14/22 13:11	191-24-2	
Benzo(k)fluoranthene	**0.22**	ug/L	0.053	0.024	1	11/10/22 08:35	11/14/22 13:11	207-08-9	
Chrysene	**0.41**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 13:11	218-01-9	
Dibenz(a,h)anthracene	**0.071**	ug/L	0.053	0.019	1	11/10/22 08:35	11/14/22 13:11	53-70-3	
Fluoranthene	**0.62**	ug/L	0.053	0.028	1	11/10/22 08:35	11/14/22 13:11	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	11/10/22 08:35	11/14/22 13:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.44**	ug/L	0.053	0.016	1	11/10/22 08:35	11/14/22 13:11	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	11/10/22 08:35	11/14/22 13:11	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	11/10/22 08:35	11/14/22 13:11	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	11/10/22 08:35	11/14/22 13:11	91-20-3	
Phenanthrene	**0.17**	ug/L	0.053	0.027	1	11/10/22 08:35	11/14/22 13:11	85-01-8	
Pyrene	**0.52**	ug/L	0.053	0.024	1	11/10/22 08:35	11/14/22 13:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	44-120		1	11/10/22 08:35	11/14/22 13:11	321-60-8	
Terphenyl-d14 (S)	95	%	49-120		1	11/10/22 08:35	11/14/22 13:11	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 11:47	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 11:47	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 11:47	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 11:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 11:47	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 11:47	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 11:47	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 11:47	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 11:47	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 11:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/10/22 11:47	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**588**	mg/L	40.0	8.9	20		11/24/22 00:17	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722008 **Lab ID: 40254438005** Collected: 11/07/22 16:22 Received: 11/09/22 07:40 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	**4940**	ug/L	112	23.0	40		11/11/22 12:34	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**3.3J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 09:51	7440-38-2	D3
Barium	**411**	ug/L	11.6	3.5	5	11/29/22 04:09	12/07/22 23:18	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/07/22 23:18	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 09:51	7440-47-3	D3
Iron	**11200**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 09:51	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 11:54	7439-92-1	D3
Manganese	**686**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 09:51	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 09:51	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/07/22 23:18	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:38	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	11/10/22 08:35	11/14/22 14:51	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 14:51	208-96-8	
Anthracene	**0.073**	ug/L	0.053	0.019	1	11/10/22 08:35	11/14/22 14:51	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.053	0.014	1	11/10/22 08:35	11/14/22 14:51	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 14:51	50-32-8	
Benzo(b)fluoranthene	**0.0096J**	ug/L	0.053	0.0096	1	11/10/22 08:35	11/14/22 14:51	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	11/10/22 08:35	11/14/22 14:51	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.053	0.023	1	11/10/22 08:35	11/14/22 14:51	207-08-9	
Chrysene	**<0.013**	ug/L	0.053	0.013	1	11/10/22 08:35	11/14/22 14:51	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	11/10/22 08:35	11/14/22 14:51	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.053	0.027	1	11/10/22 08:35	11/14/22 14:51	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	11/10/22 08:35	11/14/22 14:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.053	0.016	1	11/10/22 08:35	11/14/22 14:51	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	11/10/22 08:35	11/14/22 14:51	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	11/10/22 08:35	11/14/22 14:51	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	11/10/22 08:35	11/14/22 14:51	91-20-3	
Phenanthrene	**0.028J**	ug/L	0.053	0.027	1	11/10/22 08:35	11/14/22 14:51	85-01-8	
Pyrene	**<0.024**	ug/L	0.053	0.024	1	11/10/22 08:35	11/14/22 14:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	84	%	44-120		1	11/10/22 08:35	11/14/22 14:51	321-60-8	
Terphenyl-d14 (S)	94	%	49-120		1	11/10/22 08:35	11/14/22 14:51	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 16:11	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722008 **Lab ID: 40254438005** Collected: 11/07/22 16:22 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 16:11	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 16:11	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 16:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 16:11	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 16:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 16:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 16:11	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/10/22 16:11	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/10/22 16:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/10/22 16:11	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**28.9**	mg/L	20.0	4.4	10		11/24/22 00:31	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.065J**	mg/L	0.25	0.059	1		11/16/22 10:39		

Sample: 110722009 **Lab ID: 40254438006** Collected: 11/07/22 16:27 Received: 11/09/22 07:40 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	**4520**	ug/L	112	23.0	40		11/11/22 12:41	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**3.8J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 10:13	7440-38-2	D3
Barium	**393**	ug/L	11.6	3.5	5	11/29/22 04:09	12/07/22 23:26	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/07/22 23:26	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 10:13	7440-47-3	D3
Iron	**10700**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 10:13	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 12:16	7439-92-1	D3
Manganese	**669**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 10:13	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 10:13	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/07/22 23:26	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:40	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722009 **Lab ID: 40254438006** Collected: 11/07/22 16:27 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.051	0.014	1	11/11/22 08:50	11/14/22 16:30	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	11/11/22 08:50	11/14/22 16:30	208-96-8	
Anthracene	**0.069**	ug/L	0.051	0.019	1	11/11/22 08:50	11/14/22 16:30	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	11/11/22 08:50	11/14/22 16:30	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	11/11/22 08:50	11/14/22 16:30	50-32-8	
Benzo(b)fluoranthene	**<0.0094**	ug/L	0.051	0.0094	1	11/11/22 08:50	11/14/22 16:30	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	11/11/22 08:50	11/14/22 16:30	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	11/11/22 08:50	11/14/22 16:30	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	11/11/22 08:50	11/14/22 16:30	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	11/11/22 08:50	11/14/22 16:30	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.051	0.027	1	11/11/22 08:50	11/14/22 16:30	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	11/11/22 08:50	11/14/22 16:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	11/11/22 08:50	11/14/22 16:30	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	11/11/22 08:50	11/14/22 16:30	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	11/11/22 08:50	11/14/22 16:30	91-57-6	
Naphthalene	**0.028J**	ug/L	0.051	0.020	1	11/11/22 08:50	11/14/22 16:30	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	11/11/22 08:50	11/14/22 16:30	85-01-8	
Pyrene	**0.024J**	ug/L	0.051	0.023	1	11/11/22 08:50	11/14/22 16:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	11/11/22 08:50	11/14/22 16:30	321-60-8	
Terphenyl-d14 (S)	92	%	49-120		1	11/11/22 08:50	11/14/22 16:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 16:28	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 16:28	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 16:28	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 16:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 16:28	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 16:28	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 16:28	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 16:28	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/10/22 16:28	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		11/10/22 16:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/10/22 16:28	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**28.6**	mg/L	20.0	4.4	10		11/24/22 00:45	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.061J**	mg/L	0.25	0.059	1		11/16/22 10:40		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722010 **Lab ID: 40254438007** Collected: 11/07/22 16:45 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**<0.28**	ug/L	1.0	0.28	1	11/29/22 04:09	12/09/22 08:52	7440-38-2	
Barium	**<0.70**	ug/L	2.3	0.70	1	11/29/22 04:09	12/07/22 22:42	7440-39-3	
Cadmium	**0.24J**	ug/L	1.0	0.15	1	11/29/22 04:09	12/07/22 22:42	7440-43-9	
Chromium	**2.9J**	ug/L	3.4	1.0	1	11/29/22 04:09	12/09/22 08:52	7440-47-3	
Iron	**73.2J**	ug/L	250	58.0	1	11/29/22 04:09	12/09/22 08:52	7439-89-6	
Lead	**0.53J**	ug/L	1.0	0.24	1	11/29/22 04:09	12/07/22 22:42	7439-92-1	
Manganese	**<1.2**	ug/L	4.0	1.2	1	11/29/22 04:09	12/09/22 08:52	7439-96-5	
Selenium	**<0.32**	ug/L	1.1	0.32	1	11/29/22 04:09	12/09/22 08:52	7782-49-2	
Silver	**0.13J**	ug/L	0.50	0.13	1	11/29/22 04:09	12/07/22 22:42	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:42	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 16:50	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 16:50	208-96-8	
Anthracene	**<0.020**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 16:50	120-12-7	
Benzo(a)anthracene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 16:50	56-55-3	
Benzo(a)pyrene	**<0.014**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 16:50	50-32-8	
Benzo(b)fluoranthene	**<0.0099**	ug/L	0.054	0.0099	1	11/11/22 08:50	11/14/22 16:50	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 16:50	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 16:50	207-08-9	
Chrysene	**<0.014**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 16:50	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 16:50	53-70-3	
Fluoranthene	**<0.028**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 16:50	206-44-0	
Fluorene	**<0.026**	ug/L	0.054	0.026	1	11/11/22 08:50	11/14/22 16:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 16:50	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 16:50	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 16:50	91-57-6	
Naphthalene	**<0.022**	ug/L	0.054	0.022	1	11/11/22 08:50	11/14/22 16:50	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 16:50	85-01-8	
Pyrene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 16:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	83	%	44-120		1	11/11/22 08:50	11/14/22 16:50	321-60-8	
Terphenyl-d14 (S)	95	%	49-120		1	11/11/22 08:50	11/14/22 16:50	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 12:05	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 12:05	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 12:05	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 12:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 12:05	108-67-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110722010 **Lab ID: 40254438007** Collected: 11/07/22 16:45 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 12:05	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 12:05	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 12:05	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 12:05	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/10/22 12:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/10/22 12:05	2199-69-1	

Sample: 110822011 **Lab ID: 40254438008** Collected: 11/08/22 07:39 Received: 11/09/22 07:40 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	**292**	ug/L	5.6	1.2	2		11/11/22 12:48	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**4.5J**	ug/L	10.0	2.8	10	11/29/22 04:09	12/09/22 10:20	7440-38-2	D3
Barium	**69.7**	ug/L	23.3	7.0	10	11/29/22 04:09	12/07/22 23:33	7440-39-3	
Cadmium	**<1.5**	ug/L	10.0	1.5	10	11/29/22 04:09	12/07/22 23:33	7440-43-9	D3
Chromium	**<10.2**	ug/L	34.0	10.2	10	11/29/22 04:09	12/09/22 10:20	7440-47-3	D3
Iron	**4380**	ug/L	2500	580	10	11/29/22 04:09	12/09/22 10:20	7439-89-6	
Lead	**13.0**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 12:31	7439-92-1	
Manganese	**522**	ug/L	40.5	12.2	10	11/29/22 04:09	12/09/22 10:20	7439-96-5	
Selenium	**<3.2**	ug/L	10.6	3.2	10	11/29/22 04:09	12/09/22 10:20	7782-49-2	D3
Silver	**<1.3**	ug/L	5.0	1.3	10	11/29/22 04:09	12/07/22 23:33	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:45	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	11/11/22 08:50	11/14/22 18:10	83-32-9	
Acenaphthylene	**0.049J**	ug/L	0.053	0.013	1	11/11/22 08:50	11/14/22 18:10	208-96-8	
Anthracene	**0.090**	ug/L	0.053	0.020	1	11/11/22 08:50	11/14/22 18:10	120-12-7	
Benzo(a)anthracene	**0.058**	ug/L	0.053	0.014	1	11/11/22 08:50	11/14/22 18:10	56-55-3	
Benzo(a)pyrene	**0.19**	ug/L	0.053	0.014	1	11/11/22 08:50	11/14/22 18:10	50-32-8	
Benzo(b)fluoranthene	**0.54**	ug/L	0.053	0.0097	1	11/11/22 08:50	11/14/22 18:10	205-99-2	
Benzo(g,h,i)perylene	**0.44**	ug/L	0.053	0.025	1	11/11/22 08:50	11/14/22 18:10	191-24-2	
Benzo(k)fluoranthene	**0.17**	ug/L	0.053	0.024	1	11/11/22 08:50	11/14/22 18:10	207-08-9	
Chrysene	**0.35**	ug/L	0.053	0.013	1	11/11/22 08:50	11/14/22 18:10	218-01-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822011 **Lab ID: 40254438008** Collected: 11/08/22 07:39 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Dibenz(a,h)anthracene	**0.062**	ug/L	0.053	0.019	1	11/11/22 08:50	11/14/22 18:10	53-70-3	
Fluoranthene	**0.38**	ug/L	0.053	0.028	1	11/11/22 08:50	11/14/22 18:10	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	11/11/22 08:50	11/14/22 18:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.32**	ug/L	0.053	0.016	1	11/11/22 08:50	11/14/22 18:10	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	11/11/22 08:50	11/14/22 18:10	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	11/11/22 08:50	11/14/22 18:10	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	11/11/22 08:50	11/14/22 18:10	91-20-3	
Phenanthrene	**0.067**	ug/L	0.053	0.027	1	11/11/22 08:50	11/14/22 18:10	85-01-8	
Pyrene	**0.36**	ug/L	0.053	0.024	1	11/11/22 08:50	11/14/22 18:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	39	%	44-120		1	11/11/22 08:50	11/14/22 18:10	321-60-8	1q,S0
Terphenyl-d14 (S)	45	%	49-120		1	11/11/22 08:50	11/14/22 18:10	1718-51-0	1q,S0
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 16:45	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 16:45	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 16:45	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 16:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 16:45	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 16:45	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 16:45	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 16:45	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/10/22 16:45	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/10/22 16:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/10/22 16:45	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**287**	mg/L	40.0	8.9	20		11/24/22 01:00	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.20J**	mg/L	0.25	0.059	1		11/16/22 10:42		

Sample: 110822012 **Lab ID: 40254438009** Collected: 11/08/22 08:07 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**<0.58**	ug/L	2.8	0.58	1		11/11/22 10:45	74-82-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822012 **Lab ID: 40254438009** Collected: 11/08/22 08:07 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**1.2J**	ug/L	2.0	0.56	2	11/29/22 04:09	12/09/22 10:28	7440-38-2	D3
Barium	**14.8**	ug/L	4.7	1.4	2	11/29/22 04:09	12/07/22 23:40	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	11/29/22 04:09	12/07/22 23:40	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	11/29/22 04:09	12/09/22 10:28	7440-47-3	D3
Iron	**<116**	ug/L	500	116	2	11/29/22 04:09	12/09/22 10:28	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/07/22 23:40	7439-92-1	D3
Manganese	**<2.4**	ug/L	8.1	2.4	2	11/29/22 04:09	12/09/22 10:28	7439-96-5	D3
Selenium	**<0.63**	ug/L	2.1	0.63	2	11/29/22 04:09	12/09/22 10:28	7782-49-2	D3
Silver	**<0.25**	ug/L	1.0	0.25	2	11/29/22 04:09	12/07/22 23:40	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:47	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 18:30	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 18:30	208-96-8	
Anthracene	**0.020J**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 18:30	120-12-7	
Benzo(a)anthracene	**0.034J**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 18:30	56-55-3	
Benzo(a)pyrene	**0.066**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 18:30	50-32-8	
Benzo(b)fluoranthene	**0.13**	ug/L	0.054	0.0098	1	11/11/22 08:50	11/14/22 18:30	205-99-2	
Benzo(g,h,i)perylene	**0.11**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 18:30	191-24-2	
Benzo(k)fluoranthene	**0.058**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 18:30	207-08-9	
Chrysene	**0.091**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 18:30	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 18:30	53-70-3	
Fluoranthene	**0.12**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 18:30	206-44-0	
Fluorene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 18:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.076**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 18:30	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 18:30	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 18:30	91-57-6	
Naphthalene	**<0.021**	ug/L	0.054	0.021	1	11/11/22 08:50	11/14/22 18:30	91-20-3	
Phenanthrene	**0.032J**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 18:30	85-01-8	
Pyrene	**0.11**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 18:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	88	%	44-120		1	11/11/22 08:50	11/14/22 18:30	321-60-8	
Terphenyl-d14 (S)	100	%	49-120		1	11/11/22 08:50	11/14/22 18:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 12:57	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 12:57	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 12:57	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 12:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 12:57	108-67-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822012 **Lab ID: 40254438009** Collected: 11/08/22 08:07 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 12:57	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 12:57	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 12:57	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 12:57	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/10/22 12:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/10/22 12:57	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**460**	mg/L	40.0	8.9	20		11/24/22 01:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.71**	mg/L	0.25	0.059	1		11/16/22 10:43		

Sample: 110822013 **Lab ID: 40254438010** Collected: 11/08/22 09:09 Received: 11/09/22 07:40 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	**1390**	ug/L	14.0	2.9	5		11/11/22 12:55	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**3.4J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 10:35	7440-38-2	D3
Barium	**197**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:02	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:02	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 10:35	7440-47-3	D3
Iron	**20500**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 10:35	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 12:45	7439-92-1	D3
Manganese	**1840**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 10:35	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 10:35	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:02	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:49	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**0.022J**	ug/L	0.052	0.015	1	11/11/22 08:50	11/14/22 18:50	83-32-9	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822013 **Lab ID: 40254438010** Collected: 11/08/22 09:09 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthylene	**0.027J**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 18:50	208-96-8	
Anthracene	**0.25**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 18:50	120-12-7	
Benzo(a)anthracene	**0.34**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 18:50	56-55-3	
Benzo(a)pyrene	**0.45**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 18:50	50-32-8	
Benzo(b)fluoranthene	**0.88**	ug/L	0.052	0.0095	1	11/11/22 08:50	11/14/22 18:50	205-99-2	
Benzo(g,h,i)perylene	**0.57**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 18:50	191-24-2	
Benzo(k)fluoranthene	**0.33**	ug/L	0.052	0.023	1	11/11/22 08:50	11/14/22 18:50	207-08-9	
Chrysene	**0.76**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 18:50	218-01-9	
Dibenz(a,h)anthracene	**0.087**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 18:50	53-70-3	
Fluoranthene	**2.5**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 18:50	206-44-0	
Fluorene	**0.18**	ug/L	0.052	0.025	1	11/11/22 08:50	11/14/22 18:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.42**	ug/L	0.052	0.016	1	11/11/22 08:50	11/14/22 18:50	193-39-5	
1-Methylnaphthalene	**0.13**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 18:50	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 18:50	91-57-6	
Naphthalene	**0.032J**	ug/L	0.052	0.021	1	11/11/22 08:50	11/14/22 18:50	91-20-3	
Phenanthrene	**0.24**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 18:50	85-01-8	
Pyrene	**1.7**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 18:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	44-120		1	11/11/22 08:50	11/14/22 18:50	321-60-8	
Terphenyl-d14 (S)	92	%	49-120		1	11/11/22 08:50	11/14/22 18:50	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 17:03	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 17:03	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 17:03	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 17:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 17:03	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 17:03	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 17:03	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 17:03	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/10/22 17:03	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		11/10/22 17:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/10/22 17:03	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**18.0J**	mg/L	20.0	4.4	10		11/24/22 01:29	14808-79-8	D3
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:44		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822014 **Lab ID: 40254438011** Collected: 11/08/22 09:56 Received: 11/09/22 07:40 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	**458**	ug/L	5.6	1.2	2		11/11/22 13:02	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**4.5J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 10:42	7440-38-2	D3
Barium	**51.0**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:10	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:10	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 10:42	7440-47-3	D3
Iron	**1430**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 10:42	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 12:53	7439-92-1	D3
Manganese	**337**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 10:42	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 10:42	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:10	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:52	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 19:10	83-32-9	
Acenaphthylene	**0.038J**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 19:10	208-96-8	
Anthracene	**0.047J**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 19:10	120-12-7	
Benzo(a)anthracene	**0.019J**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 19:10	56-55-3	
Benzo(a)pyrene	**0.028J**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 19:10	50-32-8	
Benzo(b)fluoranthene	**0.12**	ug/L	0.055	0.0099	1	11/11/22 08:50	11/14/22 19:10	205-99-2	
Benzo(g,h,i)perylene	**0.056**	ug/L	0.055	0.025	1	11/11/22 08:50	11/14/22 19:10	191-24-2	
Benzo(k)fluoranthene	**0.040J**	ug/L	0.055	0.024	1	11/11/22 08:50	11/14/22 19:10	207-08-9	
Chrysene	**0.085**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 19:10	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.055	0.019	1	11/11/22 08:50	11/14/22 19:10	53-70-3	
Fluoranthene	**0.22**	ug/L	0.055	0.028	1	11/11/22 08:50	11/14/22 19:10	206-44-0	
Fluorene	**<0.026**	ug/L	0.055	0.026	1	11/11/22 08:50	11/14/22 19:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.041J**	ug/L	0.055	0.017	1	11/11/22 08:50	11/14/22 19:10	193-39-5	
1-Methylnaphthalene	**0.024J**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 19:10	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 19:10	91-57-6	
Naphthalene	**0.053J**	ug/L	0.055	0.022	1	11/11/22 08:50	11/14/22 19:10	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.055	0.028	1	11/11/22 08:50	11/14/22 19:10	85-01-8	
Pyrene	**0.16**	ug/L	0.055	0.025	1	11/11/22 08:50	11/14/22 19:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	50	%	44-120		1	11/11/22 08:50	11/14/22 19:10	321-60-8	
Terphenyl-d14 (S)	60	%	49-120		1	11/11/22 08:50	11/14/22 19:10	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.4**	ug/L	1.0	0.30	1		11/10/22 17:20	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822014 **Lab ID: 40254438011** Collected: 11/08/22 09:56 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 17:20	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 17:20	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 17:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 17:20	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 17:20	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 17:20	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 17:20	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		11/10/22 17:20	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		11/10/22 17:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/10/22 17:20	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**89.8**	mg/L	20.0	4.4	10		11/24/22 01:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:44		

Sample: 110822015 **Lab ID: 40254438012** Collected: 11/08/22 10:01 Received: 11/09/22 07:40 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	**502**	ug/L	5.6	1.2	2		11/11/22 13:09	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**4.8J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 10:50	7440-38-2	D3
Barium	**51.9**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:17	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:17	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 10:50	7440-47-3	D3
Iron	**1450**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 10:50	7439-89-6	
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 13:00	7439-92-1	D3
Manganese	**343**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 10:50	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 10:50	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:17	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 08:59	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822015 **Lab ID: 40254438012** Collected: 11/08/22 10:01 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 19:30	83-32-9	
Acenaphthylene	**0.034J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 19:30	208-96-8	
Anthracene	**0.051J**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 19:30	120-12-7	
Benzo(a)anthracene	**0.015J**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 19:30	56-55-3	
Benzo(a)pyrene	**0.027J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 19:30	50-32-8	
Benzo(b)fluoranthene	**0.12**	ug/L	0.054	0.0098	1	11/11/22 08:50	11/14/22 19:30	205-99-2	
Benzo(g,h,i)perylene	**0.054**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 19:30	191-24-2	
Benzo(k)fluoranthene	**0.034J**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 19:30	207-08-9	
Chrysene	**0.073**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 19:30	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 19:30	53-70-3	
Fluoranthene	**0.20**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 19:30	206-44-0	
Fluorene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 19:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.040J**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 19:30	193-39-5	
1-Methylnaphthalene	**0.020J**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 19:30	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 19:30	91-57-6	
Naphthalene	**0.049J**	ug/L	0.054	0.022	1	11/11/22 08:50	11/14/22 19:30	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 19:30	85-01-8	
Pyrene	**0.15**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 19:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	37	%	44-120		1	11/11/22 08:50	11/14/22 19:30	321-60-8	1q,S0
Terphenyl-d14 (S)	56	%	49-120		1	11/11/22 08:50	11/14/22 19:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**2.3**	ug/L	1.0	0.30	1		11/10/22 17:38	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 17:38	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 17:38	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 17:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 17:38	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 17:38	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 17:38	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 17:38	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 17:38	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		11/10/22 17:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/10/22 17:38	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**90.8**	mg/L	20.0	4.4	10		11/24/22 01:57	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:45		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822022 **Lab ID: 40254438013** Collected: 11/08/22 14:29 Received: 11/09/22 07:40 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	**24.8**	ug/L	2.8	0.58	1		11/11/22 11:12	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**1.6J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 10:57	7440-38-2	D3
Barium	**110**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:24	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:24	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 10:57	7440-47-3	D3
Iron	**800J**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 10:57	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 13:07	7439-92-1	D3
Manganese	**305**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 10:57	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 10:57	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:24	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 09:01	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**2.5**	ug/L	0.052	0.015	1	11/11/22 08:50	11/14/22 19:50	83-32-9	
Acenaphthylene	**0.45**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 19:50	208-96-8	
Anthracene	**0.28**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 19:50	120-12-7	
Benzo(a)anthracene	**0.018J**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 19:50	56-55-3	
Benzo(a)pyrene	**0.017J**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 19:50	50-32-8	
Benzo(b)fluoranthene	**0.024J**	ug/L	0.052	0.0095	1	11/11/22 08:50	11/14/22 19:50	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 19:50	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	11/11/22 08:50	11/14/22 19:50	207-08-9	
Chrysene	**0.025J**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 19:50	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 19:50	53-70-3	
Fluoranthene	**0.23**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 19:50	206-44-0	
Fluorene	**0.099**	ug/L	0.052	0.025	1	11/11/22 08:50	11/14/22 19:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	11/11/22 08:50	11/14/22 19:50	193-39-5	
1-Methylnaphthalene	**0.32**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 19:50	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 19:50	91-57-6	
Naphthalene	**0.48**	ug/L	0.052	0.021	1	11/11/22 08:50	11/14/22 19:50	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 19:50	85-01-8	
Pyrene	**0.44**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 19:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	44-120		1	11/11/22 08:50	11/14/22 19:50	321-60-8	
Terphenyl-d14 (S)	98	%	49-120		1	11/11/22 08:50	11/14/22 19:50	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.71J**	ug/L	1.0	0.30	1		11/10/22 13:14	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822022 **Lab ID: 40254438013** Collected: 11/08/22 14:29 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**1.1**	ug/L	1.0	0.33	1		11/10/22 13:14	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 13:14	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 13:14	95-63-6	
1,3,5-Trimethylbenzene	**6.4**	ug/L	1.0	0.36	1		11/10/22 13:14	108-67-8	
Xylene (Total)	**2.6J**	ug/L	3.0	1.0	1		11/10/22 13:14	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 13:14	179601-23-1	
o-Xylene	**2.2**	ug/L	1.0	0.35	1		11/10/22 13:14	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 13:14	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/10/22 13:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/10/22 13:14	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**361**	mg/L	40.0	8.9	20		11/17/22 13:11	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:45		

Sample: 110822023 **Lab ID: 40254438014** Collected: 11/08/22 15:01 Received: 11/09/22 07:40 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	**75.6**	ug/L	2.8	0.58	1		11/11/22 11:19	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**4.3J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 11:04	7440-38-2	D3
Barium	**40.9**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:32	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:32	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 11:04	7440-47-3	D3
Iron	**409J**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 11:04	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 13:15	7439-92-1	D3
Manganese	**208**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 11:04	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 11:04	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:32	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 09:03	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822023 **Lab ID: 40254438014** Collected: 11/08/22 15:01 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:09	83-32-9	
Acenaphthylene	**0.019J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:09	208-96-8	
Anthracene	**0.046J**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 20:09	120-12-7	
Benzo(a)anthracene	**0.095**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:09	56-55-3	
Benzo(a)pyrene	**0.18**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:09	50-32-8	
Benzo(b)fluoranthene	**0.36**	ug/L	0.054	0.0098	1	11/11/22 08:50	11/14/22 20:09	205-99-2	
Benzo(g,h,i)perylene	**0.28**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 20:09	191-24-2	
Benzo(k)fluoranthene	**0.14**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 20:09	207-08-9	
Chrysene	**0.28**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:09	218-01-9	
Dibenz(a,h)anthracene	**0.041J**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 20:09	53-70-3	
Fluoranthene	**0.50**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 20:09	206-44-0	
Fluorene	**0.033J**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 20:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.20**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 20:09	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 20:09	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:09	91-57-6	
Naphthalene	**0.029J**	ug/L	0.054	0.021	1	11/11/22 08:50	11/14/22 20:09	91-20-3	
Phenanthrene	**0.12**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 20:09	85-01-8	
Pyrene	**0.43**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 20:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	83	%	44-120		1	11/11/22 08:50	11/14/22 20:09	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	11/11/22 08:50	11/14/22 20:09	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 20:48	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 20:48	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 20:48	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 20:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 20:48	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 20:48	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 20:48	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 20:48	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 20:48	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/10/22 20:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/10/22 20:48	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**231**	mg/L	20.0	4.4	10		11/17/22 13:24	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:46		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822024 **Lab ID: 40254438015** Collected: 11/08/22 15:42 Received: 11/09/22 07:40 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	**44.5**	ug/L	2.8	0.58	1		11/11/22 11:26	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**1.9J**	ug/L	5.0	1.4	5	11/29/22 04:09	12/09/22 11:12	7440-38-2	D3
Barium	**178**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 00:39	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 00:39	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/09/22 11:12	7440-47-3	D3
Iron	**403J**	ug/L	1250	290	5	11/29/22 04:09	12/09/22 11:12	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 13:22	7439-92-1	D3
Manganese	**104**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 11:12	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/09/22 11:12	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 00:39	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 09:06	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**3.3**	ug/L	2.1	0.58	40	11/11/22 08:50	11/14/22 20:29	83-32-9	
Acenaphthylene	**0.64J**	ug/L	2.1	0.52	40	11/11/22 08:50	11/14/22 20:29	208-96-8	
Anthracene	**<0.77**	ug/L	2.1	0.77	40	11/11/22 08:50	11/14/22 20:29	120-12-7	
Benzo(a)anthracene	**<0.57**	ug/L	2.1	0.57	40	11/11/22 08:50	11/14/22 20:29	56-55-3	
Benzo(a)pyrene	**<0.53**	ug/L	2.1	0.53	40	11/11/22 08:50	11/14/22 20:29	50-32-8	
Benzo(b)fluoranthene	**<0.38**	ug/L	2.1	0.38	40	11/11/22 08:50	11/14/22 20:29	205-99-2	
Benzo(g,h,i)perylene	**<0.97**	ug/L	2.1	0.97	40	11/11/22 08:50	11/14/22 20:29	191-24-2	
Benzo(k)fluoranthene	**<0.93**	ug/L	2.1	0.93	40	11/11/22 08:50	11/14/22 20:29	207-08-9	
Chrysene	**<0.52**	ug/L	2.1	0.52	40	11/11/22 08:50	11/14/22 20:29	218-01-9	
Dibenz(a,h)anthracene	**<0.74**	ug/L	2.1	0.74	40	11/11/22 08:50	11/14/22 20:29	53-70-3	
Fluoranthene	**<1.1**	ug/L	2.1	1.1	40	11/11/22 08:50	11/14/22 20:29	206-44-0	
Fluorene	**2.2**	ug/L	2.1	0.98	40	11/11/22 08:50	11/14/22 20:29	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.65**	ug/L	2.1	0.65	40	11/11/22 08:50	11/14/22 20:29	193-39-5	
1-Methylnaphthalene	**11.7**	ug/L	2.1	0.75	40	11/11/22 08:50	11/14/22 20:29	90-12-0	
2-Methylnaphthalene	**2.5**	ug/L	2.1	0.57	40	11/11/22 08:50	11/14/22 20:29	91-57-6	
Naphthalene	**193**	ug/L	2.1	0.83	40	11/11/22 08:50	11/14/22 20:29	91-20-3	
Phenanthrene	**3.6**	ug/L	2.1	1.1	40	11/11/22 08:50	11/14/22 20:29	85-01-8	
Pyrene	**<0.94**	ug/L	2.1	0.94	40	11/11/22 08:50	11/14/22 20:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	44-120		40	11/11/22 08:50	11/14/22 20:29	321-60-8	
Terphenyl-d14 (S)	74	%	49-120		40	11/11/22 08:50	11/14/22 20:29	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**259**	ug/L	1.0	0.30	1		11/10/22 23:59	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822024 **Lab ID: 40254438015** Collected: 11/08/22 15:42 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Ethylbenzene	**14.7**	ug/L	1.0	0.33	1		11/10/22 23:59	100-41-4	
Toluene	**2.5**	ug/L	1.0	0.29	1		11/10/22 23:59	108-88-3	
1,2,4-Trimethylbenzene	**5.0**	ug/L	1.0	0.45	1		11/10/22 23:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 23:59	108-67-8	
Xylene (Total)	**19.6**	ug/L	3.0	1.0	1		11/10/22 23:59	1330-20-7	
m&p-Xylene	**6.8**	ug/L	2.0	0.70	1		11/10/22 23:59	179601-23-1	
o-Xylene	**12.8**	ug/L	1.0	0.35	1		11/10/22 23:59	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 23:59	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/10/22 23:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/10/22 23:59	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**1720**	mg/L	200	44.4	100		11/17/22 13:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:47		

Sample: 110822025 **Lab ID: 40254438016** Collected: 11/08/22 16:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**<0.28**	ug/L	1.0	0.28	1	11/29/22 04:09	12/08/22 01:31	7440-38-2	
Barium	**<0.70**	ug/L	2.3	0.70	1	11/29/22 04:09	12/08/22 01:31	7440-39-3	
Cadmium	**<0.15**	ug/L	1.0	0.15	1	11/29/22 04:09	12/08/22 01:31	7440-43-9	
Chromium	**<1.0**	ug/L	3.4	1.0	1	11/29/22 04:09	12/08/22 01:31	7440-47-3	
Iron	**<58.0**	ug/L	250	58.0	1	11/29/22 04:09	12/08/22 01:31	7439-89-6	
Lead	**<0.24**	ug/L	1.0	0.24	1	11/29/22 04:09	12/08/22 01:31	7439-92-1	
Manganese	**<1.2**	ug/L	4.0	1.2	1	11/29/22 04:09	12/08/22 01:31	7439-96-5	
Selenium	**<0.32**	ug/L	1.1	0.32	1	11/29/22 04:09	12/08/22 01:31	7782-49-2	
Silver	**<0.13**	ug/L	0.50	0.13	1	11/29/22 04:09	12/08/22 01:31	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/14/22 10:45	11/15/22 09:08	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:49	83-32-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822025 **Lab ID: 40254438016** Collected: 11/08/22 16:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthylene	**0.040J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:49	208-96-8	
Anthracene	**<0.020**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 20:49	120-12-7	
Benzo(a)anthracene	**0.028J**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:49	56-55-3	
Benzo(a)pyrene	**0.041J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:49	50-32-8	
Benzo(b)fluoranthene	**0.046J**	ug/L	0.054	0.0099	1	11/11/22 08:50	11/14/22 20:49	205-99-2	
Benzo(g,h,i)perylene	**0.031J**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 20:49	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 20:49	207-08-9	
Chrysene	**0.050J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 20:49	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 20:49	53-70-3	
Fluoranthene	**0.041J**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 20:49	206-44-0	
Fluorene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 20:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.023J**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 20:49	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 20:49	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 20:49	91-57-6	
Naphthalene	**<0.022**	ug/L	0.054	0.022	1	11/11/22 08:50	11/14/22 20:49	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 20:49	85-01-8	
Pyrene	**0.058**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 20:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	11/11/22 08:50	11/14/22 20:49	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	11/11/22 08:50	11/14/22 20:49	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/11/22 00:16	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/11/22 00:16	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/11/22 00:16	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/11/22 00:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/11/22 00:16	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/11/22 00:16	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/11/22 00:16	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/11/22 00:16	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/11/22 00:16	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/11/22 00:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/11/22 00:16	2199-69-1	

Sample: 110822026 **Lab ID: 40254438017** Collected: 11/08/22 00:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 19:21	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822026 **Lab ID: 40254438017** Collected: 11/08/22 00:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 19:21	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 19:21	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 19:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 19:21	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 19:21	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 19:21	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 19:21	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 19:21	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 19:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/10/22 19:21	2199-69-1	

Sample: 110822027 **Lab ID: 40254438018** Collected: 11/08/22 00:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 19:38	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 19:38	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 19:38	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 19:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 19:38	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 19:38	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 19:38	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 19:38	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/10/22 19:38	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/10/22 19:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/10/22 19:38	2199-69-1	

Sample: 110822028 **Lab ID: 40254438019** Collected: 11/08/22 00:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 19:56	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 19:56	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 19:56	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 19:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 19:56	108-67-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Sample: 110822028 **Lab ID: 40254438019** Collected: 11/08/22 00:00 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 19:56	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 19:56	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 19:56	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/10/22 19:56	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 19:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/10/22 19:56	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431223 | 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: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015

METHOD BLANK: 2483135 Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/11/22 08:53	

LABORATORY CONTROL SAMPLE & LCSD: 2483136 2483137

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	24.9	26.6	87	93	73-120	7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2483138 2483139

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	297	57.1	57.1	376	517	139	385	10-200	32	20	M1,R1

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431368
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

METHOD BLANK: 2484481 Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	11/15/22 07:16	

LABORATORY CONTROL SAMPLE: 2484482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484483 2484484

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	4.8	4.7	95	95	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 432392
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

METHOD BLANK: 2489782 Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<0.28	1.0	12/09/22 08:45	
Barium	ug/L	<0.70	2.3	12/07/22 21:06	
Cadmium	ug/L	<0.15	1.0	12/07/22 21:06	
Chromium	ug/L	<1.0	3.4	12/09/22 08:45	
Iron	ug/L	<58.0	250	12/09/22 08:45	
Lead	ug/L	<0.24	1.0	12/07/22 21:06	
Manganese	ug/L	<1.2	4.0	12/09/22 08:45	
Selenium	ug/L	<0.32	1.1	12/09/22 08:45	
Silver	ug/L	<0.13	0.50	12/07/22 21:06	

LABORATORY CONTROL SAMPLE: 2489783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	252	101	80-120	
Barium	ug/L	250	247	99	80-120	
Cadmium	ug/L	250	261	104	80-120	
Chromium	ug/L	250	250	100	80-120	
Iron	ug/L	10000	10000	100	80-120	
Lead	ug/L	250	235	94	80-120	
Manganese	ug/L	250	252	101	80-120	
Selenium	ug/L	250	262	105	80-120	
Silver	ug/L	125	127	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2489784 2489785

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	3.8	250	250	275	279	108	110	75-125	1	20	
Barium	ug/L	197	250	250	458	448	104	100	75-125	2	20	
Cadmium	ug/L	<0.30	250	250	261	257	104	103	75-125	1	20	
Chromium	ug/L	<2.0	250	250	260	262	104	104	75-125	1	20	
Iron	ug/L	6880	10000	10000	17400	17100	106	103	75-125	2	20	
Lead	ug/L	<0.47	250	250	249	247	99	99	75-125	1	20	
Manganese	ug/L	336	250	250	610	599	110	106	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2489784 2489785

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Selenium	ug/L	3.2	250	250	280	285	111	113	75-125	2	20	
Silver	ug/L	<0.25	125	125	123	122	98	97	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431099
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013

METHOD BLANK: 2482458 Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/10/22 08:24	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/10/22 08:24	
Benzene	ug/L	<0.30	1.0	11/10/22 08:24	
Ethylbenzene	ug/L	<0.33	1.0	11/10/22 08:24	
m&p-Xylene	ug/L	<0.70	2.0	11/10/22 08:24	
o-Xylene	ug/L	<0.35	1.0	11/10/22 08:24	
Toluene	ug/L	<0.29	1.0	11/10/22 08:24	
Xylene (Total)	ug/L	<1.0	3.0	11/10/22 08:24	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	11/10/22 08:24	
4-Bromofluorobenzene (S)	%	106	70-130	11/10/22 08:24	
Toluene-d8 (S)	%	99	70-130	11/10/22 08:24	

LABORATORY CONTROL SAMPLE: 2482459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.4	109	70-130	
Ethylbenzene	ug/L	50	56.4	113	80-120	
m&p-Xylene	ug/L	100	107	107	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
Toluene	ug/L	50	53.8	108	80-120	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482460 2482461

Parameter	Units	40254438001 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	56.4	55.2	113	110	70-130	2	20	
Ethylbenzene	ug/L	<0.33	50	50	56.3	56.1	113	112	80-121	0	20	
m&p-Xylene	ug/L	<0.70	100	100	107	106	107	106	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	52.9	53.0	106	106	70-130	0	20	
Toluene	ug/L	<0.29	50	50	54.2	54.5	108	109	80-120	1	20	
Xylene (Total)	ug/L	<1.0	150	150	160	159	107	106	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482460 2482461

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						107	109	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431101
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254438014, 40254438015, 40254438016, 40254438017, 40254438018, 40254438019

METHOD BLANK: 2482464 Matrix: Water
Associated Lab Samples: 40254438014, 40254438015, 40254438016, 40254438017, 40254438018, 40254438019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/10/22 15:36	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/10/22 15:36	
Benzene	ug/L	<0.30	1.0	11/10/22 15:36	
Ethylbenzene	ug/L	<0.33	1.0	11/10/22 15:36	
m&p-Xylene	ug/L	<0.70	2.0	11/10/22 15:36	
o-Xylene	ug/L	<0.35	1.0	11/10/22 15:36	
Toluene	ug/L	<0.29	1.0	11/10/22 15:36	
Xylene (Total)	ug/L	<1.0	3.0	11/10/22 15:36	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	11/10/22 15:36	
4-Bromofluorobenzene (S)	%	108	70-130	11/10/22 15:36	
Toluene-d8 (S)	%	100	70-130	11/10/22 15:36	

LABORATORY CONTROL SAMPLE: 2482465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	55.1	110	70-130	
Ethylbenzene	ug/L	50	55.0	110	80-120	
m&p-Xylene	ug/L	100	105	105	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Toluene	ug/L	50	53.2	106	80-120	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482838 2482839

Parameter	Units	40254438014 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	57.1	56.7	114	113	70-130	1	20	
Ethylbenzene	ug/L	<0.33	50	50	57.2	57.8	114	116	80-121	1	20	
m&p-Xylene	ug/L	<0.70	100	100	110	109	110	109	70-130	0	20	
o-Xylene	ug/L	<0.35	50	50	54.0	54.8	108	110	70-130	1	20	
Toluene	ug/L	<0.29	50	50	55.2	56.2	110	112	80-120	2	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	109	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						97	98	70-130			
4-Bromofluorobenzene (S)	%						107	108	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482838 2482839

Parameter	Units	40254438014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						101	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431112
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: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005

METHOD BLANK: 2482489 Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/11/22 11:22	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/11/22 11:22	
Acenaphthene	ug/L	<0.014	0.050	11/11/22 11:22	
Acenaphthylene	ug/L	<0.013	0.050	11/11/22 11:22	
Anthracene	ug/L	<0.018	0.050	11/11/22 11:22	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/11/22 11:22	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/11/22 11:22	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/11/22 11:22	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/11/22 11:22	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/11/22 11:22	
Chrysene	ug/L	<0.013	0.050	11/11/22 11:22	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/11/22 11:22	
Fluoranthene	ug/L	<0.026	0.050	11/11/22 11:22	
Fluorene	ug/L	<0.024	0.050	11/11/22 11:22	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/11/22 11:22	
Naphthalene	ug/L	<0.020	0.050	11/11/22 11:22	
Phenanthrene	ug/L	<0.026	0.050	11/11/22 11:22	
Pyrene	ug/L	<0.023	0.050	11/11/22 11:22	
2-Fluorobiphenyl (S)	%	80	44-120	11/11/22 11:22	
Terphenyl-d14 (S)	%	88	49-120	11/11/22 11:22	

LABORATORY CONTROL SAMPLE: 2482490

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	76	51-120	
2-Methylnaphthalene	ug/L	2	1.5	74	50-120	
Acenaphthene	ug/L	2	1.6	82	65-120	
Acenaphthylene	ug/L	2	1.7	85	61-120	
Anthracene	ug/L	2	1.7	87	61-104	
Benzo(a)anthracene	ug/L	2	1.6	82	51-96	
Benzo(a)pyrene	ug/L	2	1.7	84	68-120	
Benzo(b)fluoranthene	ug/L	2	1.6	81	55-97	
Benzo(g,h,i)perylene	ug/L	2	1.7	86	69-120	
Benzo(k)fluoranthene	ug/L	2	1.6	81	73-120	
Chrysene	ug/L	2	1.8	90	72-126	
Dibenz(a,h)anthracene	ug/L	2	1.8	89	57-115	
Fluoranthene	ug/L	2	1.8	88	58-111	
Fluorene	ug/L	2	1.7	84	62-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.8	92	66-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

LABORATORY CONTROL SAMPLE: 2482490

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.5	77	53-120	
Phenanthrene	ug/L	2	1.7	83	59-120	
Pyrene	ug/L	2	1.7	83	59-120	
2-Fluorobiphenyl (S)	%			85	44-120	
Terphenyl-d14 (S)	%			91	49-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482491 2482492

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.041	2.2	2.2	1.6	1.7	75	77	22-120	4	20	
2-Methylnaphthalene	ug/L	<0.031	2.2	2.2	1.6	1.7	74	76	18-120	5	20	
Acenaphthene	ug/L	<0.032	2.2	2.2	1.7	1.8	80	81	26-120	4	20	
Acenaphthylene	ug/L	<0.029	2.2	2.2	1.7	1.8	79	82	28-120	7	20	
Anthracene	ug/L	<0.042	2.2	2.2	1.6	1.9	75	84	19-124	15	20	
Benzo(a)anthracene	ug/L	<0.031	2.2	2.2	1.3	1.5	61	67	10-125	13	20	
Benzo(a)pyrene	ug/L	<0.029	2.2	2.2	1.6	1.7	72	76	11-134	7	20	
Benzo(b)fluoranthene	ug/L	<0.021	2.2	2.2	1.4	1.5	64	68	10-118	8	20	
Benzo(g,h,i)perylene	ug/L	<0.053	2.2	2.2	1.6	1.7	73	76	10-135	6	20	
Benzo(k)fluoranthene	ug/L	<0.051	2.2	2.2	1.5	1.7	70	75	17-136	10	20	
Chrysene	ug/L	<0.029	2.2	2.2	1.8	1.9	84	86	27-144	5	20	
Dibenz(a,h)anthracene	ug/L	<0.040	2.2	2.2	1.5	1.6	69	72	10-142	6	20	
Fluoranthene	ug/L	<0.059	2.2	2.2	1.8	1.8	80	79	26-129	1	20	
Fluorene	ug/L	<0.053	2.2	2.2	1.7	1.8	79	81	27-120	5	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.035	2.2	2.2	1.5	1.6	70	71	10-134	5	20	
Naphthalene	ug/L	<0.045	2.2	2.2	1.7	1.8	78	80	11-120	6	20	D3
Phenanthrene	ug/L	<0.058	2.2	2.2	1.7	1.8	76	79	23-120	7	20	
Pyrene	ug/L	<0.051	2.2	2.2	1.6	1.8	71	80	24-120	14	20	
2-Fluorobiphenyl (S)	%						85	86	44-120			
Terphenyl-d14 (S)	%						80	83	49-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431230
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: 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

METHOD BLANK: 2483165 Matrix: Water
Associated Lab Samples: 40254438006, 40254438007, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015, 40254438016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/14/22 11:31	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthylene	ug/L	<0.013	0.050	11/14/22 11:31	
Anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/14/22 11:31	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/14/22 11:31	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/14/22 11:31	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/14/22 11:31	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/14/22 11:31	
Chrysene	ug/L	<0.013	0.050	11/14/22 11:31	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Fluoranthene	ug/L	<0.026	0.050	11/14/22 11:31	
Fluorene	ug/L	<0.024	0.050	11/14/22 11:31	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/14/22 11:31	
Naphthalene	ug/L	<0.020	0.050	11/14/22 11:31	
Phenanthrene	ug/L	<0.026	0.050	11/14/22 11:31	
Pyrene	ug/L	<0.023	0.050	11/14/22 11:31	
2-Fluorobiphenyl (S)	%	79	44-120	11/14/22 11:31	
Terphenyl-d14 (S)	%	92	49-120	11/14/22 11:31	

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	1.6	71	80	51-120	12	20	
2-Methylnaphthalene	ug/L	2	1.4	1.6	69	79	50-120	12	20	
Acenaphthene	ug/L	2	1.5	1.7	76	85	65-120	12	20	
Acenaphthylene	ug/L	2	1.5	1.7	77	87	61-120	12	20	
Anthracene	ug/L	2	1.6	1.9	80	95	61-104	17	20	
Benzo(a)anthracene	ug/L	2	1.6	1.7	78	86	51-96	10	20	
Benzo(a)pyrene	ug/L	2	1.6	1.8	78	88	68-120	11	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.7	76	84	55-97	11	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.9	81	93	69-120	14	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	78	87	73-120	11	20	
Chrysene	ug/L	2	1.7	1.9	84	94	72-126	11	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.9	80	94	57-115	16	20	
Fluoranthene	ug/L	2	1.5	1.8	77	89	58-111	14	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Fluorene	ug/L	2	1.5	1.7	77	86	62-120	12	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	83	90	66-120	8	20	
Naphthalene	ug/L	2	1.4	1.6	72	81	53-120	12	20	
Phenanthrene	ug/L	2	1.5	1.8	77	89	59-120	14	20	
Pyrene	ug/L	2	1.6	1.8	82	91	59-120	11	20	
2-Fluorobiphenyl (S)	%				77	81	44-120			
Terphenyl-d14 (S)	%				86	96	49-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431585
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: 40254438001

METHOD BLANK: 2485375 Matrix: Water
Associated Lab Samples: 40254438001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/16/22 20:49	

LABORATORY CONTROL SAMPLE: 2485376

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.1	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485377 2485378

Parameter	Units	40254277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	218	400	400	633	626	104	102	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485379 2485380

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	48.4	100	100	151	153	102	104	90-110	1	15	

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431618 — 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: 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012

METHOD BLANK: 2485492 — Matrix: Water
Associated Lab Samples: 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/23/22 22:07	

LABORATORY CONTROL SAMPLE: 2485493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485494 2485495

Parameter	Units	40254438002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	1.0J	20	20	23.2	23.5	111	113	90-110	1	15	M0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431666
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: 40254438013, 40254438014, 40254438015

METHOD BLANK: 2485739 Matrix: Water
Associated Lab Samples: 40254438013, 40254438014, 40254438015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/16/22 18:06	

LABORATORY CONTROL SAMPLE: 2485740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.3	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485741 2485742

Parameter	Units	40254442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	162J	2000	2000	2320	2290	108	106	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

QC Batch: 431633 — 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: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015

METHOD BLANK: 2485560 — Matrix: Water
Associated Lab Samples: 40254438001, 40254438002, 40254438003, 40254438004, 40254438005, 40254438006, 40254438008, 40254438009, 40254438010, 40254438011, 40254438012, 40254438013, 40254438014, 40254438015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/22 10:34	

LABORATORY CONTROL SAMPLE: 2485561

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485562 2485563

Parameter	Units	40254438001 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	0.26	2.5	2.5	2.6	2.6	94	93	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485564 2485565

Parameter	Units	40254442001 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	2.3	2.3	94	93	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

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: 431273

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

ANALYTE QUALIFIERS

1q	This sample could not be re-extracted within hold time.
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.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254438001	**110722003**	EPA 8015B Modified	431223		
40254438002	**110722005**	EPA 8015B Modified	431223		
40254438003	**110722006**	EPA 8015B Modified	431223		
40254438004	**110722007**	EPA 8015B Modified	431223		
40254438005	**110722008**	EPA 8015B Modified	431223		
40254438006	**110722009**	EPA 8015B Modified	431223		
40254438008	**110822011**	EPA 8015B Modified	431223		
40254438009	**110822012**	EPA 8015B Modified	431223		
40254438010	**110822013**	EPA 8015B Modified	431223		
40254438011	**110822014**	EPA 8015B Modified	431223		
40254438012	**110822015**	EPA 8015B Modified	431223		
40254438013	**110822022**	EPA 8015B Modified	431223		
40254438014	**110822023**	EPA 8015B Modified	431223		
40254438015	**110822024**	EPA 8015B Modified	431223		
40254438001	**110722003**	EPA 3010A	432392	EPA 6020B	432524
40254438002	**110722005**	EPA 3010A	432392	EPA 6020B	432524
40254438003	**110722006**	EPA 3010A	432392	EPA 6020B	432524
40254438004	**110722007**	EPA 3010A	432392	EPA 6020B	432524
40254438005	**110722008**	EPA 3010A	432392	EPA 6020B	432524
40254438006	**110722009**	EPA 3010A	432392	EPA 6020B	432524
40254438007	**110722010**	EPA 3010A	432392	EPA 6020B	432524
40254438008	**110822011**	EPA 3010A	432392	EPA 6020B	432524
40254438009	**110822012**	EPA 3010A	432392	EPA 6020B	432524
40254438010	**110822013**	EPA 3010A	432392	EPA 6020B	432524
40254438011	**110822014**	EPA 3010A	432392	EPA 6020B	432524
40254438012	**110822015**	EPA 3010A	432392	EPA 6020B	432524
40254438013	**110822022**	EPA 3010A	432392	EPA 6020B	432524
40254438014	**110822023**	EPA 3010A	432392	EPA 6020B	432524
40254438015	**110822024**	EPA 3010A	432392	EPA 6020B	432524
40254438016	**110822025**	EPA 3010A	432392	EPA 6020B	432524
40254438001	**110722003**	EPA 7470	431368	EPA 7470	431407
40254438002	**110722005**	EPA 7470	431368	EPA 7470	431407
40254438003	**110722006**	EPA 7470	431368	EPA 7470	431407
40254438004	**110722007**	EPA 7470	431368	EPA 7470	431407
40254438005	**110722008**	EPA 7470	431368	EPA 7470	431407
40254438006	**110722009**	EPA 7470	431368	EPA 7470	431407
40254438007	**110722010**	EPA 7470	431368	EPA 7470	431407
40254438008	**110822011**	EPA 7470	431368	EPA 7470	431407
40254438009	**110822012**	EPA 7470	431368	EPA 7470	431407
40254438010	**110822013**	EPA 7470	431368	EPA 7470	431407
40254438011	**110822014**	EPA 7470	431368	EPA 7470	431407
40254438012	**110822015**	EPA 7470	431368	EPA 7470	431407
40254438013	**110822022**	EPA 7470	431368	EPA 7470	431407
40254438014	**110822023**	EPA 7470	431368	EPA 7470	431407
40254438015	**110822024**	EPA 7470	431368	EPA 7470	431407
40254438016	**110822025**	EPA 7470	431368	EPA 7470	431407
40254438001	**110722003**	EPA 3510	431112	EPA 8270E by SIM	431152

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254438002	110722005	EPA 3510	431112	EPA 8270E by SIM	431152
40254438003	110722006	EPA 3510	431112	EPA 8270E by SIM	431152
40254438004	110722007	EPA 3510	431112	EPA 8270E by SIM	431152
40254438005	110722008	EPA 3510	431112	EPA 8270E by SIM	431152
40254438006	110722009	EPA 3510	431230	EPA 8270E by SIM	431273
40254438007	110722010	EPA 3510	431230	EPA 8270E by SIM	431273
40254438008	110822011	EPA 3510	431230	EPA 8270E by SIM	431273
40254438009	110822012	EPA 3510	431230	EPA 8270E by SIM	431273
40254438010	110822013	EPA 3510	431230	EPA 8270E by SIM	431273
40254438011	110822014	EPA 3510	431230	EPA 8270E by SIM	431273
40254438012	110822015	EPA 3510	431230	EPA 8270E by SIM	431273
40254438013	110822022	EPA 3510	431230	EPA 8270E by SIM	431273
40254438014	110822023	EPA 3510	431230	EPA 8270E by SIM	431273
40254438015	110822024	EPA 3510	431230	EPA 8270E by SIM	431273
40254438016	110822025	EPA 3510	431230	EPA 8270E by SIM	431273
40254438001	110722003	EPA 8260	431099		
40254438002	110722005	EPA 8260	431099		
40254438003	110722006	EPA 8260	431099		
40254438004	110722007	EPA 8260	431099		
40254438005	110722008	EPA 8260	431099		
40254438006	110722009	EPA 8260	431099		
40254438007	110722010	EPA 8260	431099		
40254438008	110822011	EPA 8260	431099		
40254438009	110822012	EPA 8260	431099		
40254438010	110822013	EPA 8260	431099		
40254438011	110822014	EPA 8260	431099		
40254438012	110822015	EPA 8260	431099		
40254438013	110822022	EPA 8260	431099		
40254438014	110822023	EPA 8260	431101		
40254438015	110822024	EPA 8260	431101		
40254438016	110822025	EPA 8260	431101		
40254438017	110822026	EPA 8260	431101		
40254438018	110822027	EPA 8260	431101		
40254438019	110822028	EPA 8260	431101		
40254438001	110722003	EPA 300.0	431585		
40254438002	110722005	EPA 300.0	431618		
40254438003	110722006	EPA 300.0	431618		
40254438004	110722007	EPA 300.0	431618		
40254438005	110722008	EPA 300.0	431618		
40254438006	110722009	EPA 300.0	431618		
40254438008	110822011	EPA 300.0	431618		
40254438009	110822012	EPA 300.0	431618		
40254438010	110822013	EPA 300.0	431618		
40254438011	110822014	EPA 300.0	431618		
40254438012	110822015	EPA 300.0	431618		
40254438013	110822022	EPA 300.0	431666		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254438

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254438014	**110822023**	EPA 300.0	431666		
40254438015	**110822024**	EPA 300.0	431666		
40254438001	**110722003**	EPA 353.2	431633		
40254438002	**110722005**	EPA 353.2	431633		
40254438003	**110722006**	EPA 353.2	431633		
40254438004	**110722007**	EPA 353.2	431633		
40254438005	**110722008**	EPA 353.2	431633		
40254438006	**110722009**	EPA 353.2	431633		
40254438008	**110822011**	EPA 353.2	431633		
40254438009	**110822012**	EPA 353.2	431633		
40254438010	**110822013**	EPA 353.2	431633		
40254438011	**110822014**	EPA 353.2	431633		
40254438012	**110822015**	EPA 353.2	431633		
40254438013	**110822022**	EPA 353.2	431633		
40254438014	**110822023**	EPA 353.2	431633		
40254438015	**110822024**	EPA 353.2	431633		

QC: NAM 11/9/22

01053-1022-00

40254438

CHAIN-OF-CUSTODY / Analytical Request Document

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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms pdf.

Page : 1 Of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Ramboll	Report To: ~~Gleaford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention: ACCOUNTS PAYABLE
Address: 415A S 3rd St	Copy To:	Company Name:
Milwaukee, WI 53204		Address: PO BOX 19000 GREEN BAY WI 54307
Email: ~~dgleaford@ramboll.com~~ STACI.GOETZ@RAMBOLL.COM	Purchase Order #:	Pace Quote:
Phone: 262-719-4512 Fax:	Project Name: Green Bay MGP	Pace Project Manager: brian.basten@pacelabs.com,
Requested Due Date:	Project #: 1940101253	Pace Profile #: 4543 #15

Regulatory Agency: | State / Location: WI

ITEM #	SAMPLE ID (One Character per box (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	110722001	WT	G	11-7	1104				11	X	X	X	X						X	X	X	X	X	X			3
2	110722002				1142				11	X	X	X	X						X	X	X	X	X	X			3
3	110722003				1724				33	X	X	X	X						X	X	X	X	X	X		001	1
4	110722004				1340				11	X	X	X	X						X	X	X	X	X	X			3
5	110722005				1426				11	X	X	X	X						X	X	X	X	X	X		002	1
6	110722006				1513				11	X	X	X	X						X	X	X	X	X	X		003	1
7	110722007				1541				11	X	X	X	X						X	X	X	X	X	X		004	1
8	110722008				1622				11	X	X	X	X						X	X	X	X	X	X		005	1
9	110722009				1627				11	X	X	X	X						X	X	X	X	X	X		006	1
10	110722010			↓	1645				6	X		X	X						X	X	X					007	1
11	110822011			11-8	739				11	X	X	X	X						X	X	X	X	X	X		008	1
12	110822012	↓	↓	↓	807				11	X	X	X	X						X	X	X	X	X	X		009	1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
PVOC + BTEX + TMBs	Duncan Gleaford · RAMBOLL	11-9-22	740	Susan Kilpatrick	11/9/22	0740

SAMPLE CONDITIONS: TEMP in C: 3.2 | Received on Ice (Y/N): Y | Custody Sealed Cooler (Y/N): N | Samples Intact (Y/N): Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLEASFORD

SIGNATURE of SAMPLER: Duncan Gleaford DATE Signed: 11-9-22

QC: NAM 11/9/22

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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0 10253 -1122-001

4025443$

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company. Ramboll	Report To Glasford, Duncan GDSDATA@RAMBOLL.COM	Attention. ACCOUNTS PAYABLE
Address 415A S 3rd St.	Copy To	Company Name
Milwaukee, WI 53204		Address PO Box 19800 GREENBAY, WI 54307
Email dglasford@ramboll.com STACI.LOEZE@RAMBOLL.COM	Purchase Order #	Pace Quote:
Phone. 262-719-4512 Fax.	Project Name Green Bay MGP	Pace Project Manager brian basten@pacelabs com,
Requested Due Date:	Project # 1940107.53	Pace Profile #: 4543 #15

Regulatory Agency

State / Location WI

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank				Residual Chlorine (Y/N)
MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS																												
1	110822013	WT	G	11.8.22	904				11	X	X	X	X						X	X	X	X	X	X					1
2	110822014				956				11	X	X	X	X						X	X	X	X	X	X				010	1
3	110822015				1001				11	X	X	X	X						X	X	X	X	X	X				011	1
4	110822016				1040				11	X	X	X	X						X	X	X	X	X	X				012	1
5	110822017				1116				11	X	X	X	X						X	X	X	X	X	X					2
6	110822018				1150				11	X	X	X	X						X	X	X	X	X	X					2
7	110822019				1226				11	X	X	X	X						X	X	X	X	X	X					2
8	110822020				1316				11	X	X	X	X						X	X	X	X	X	X					2
9	110822021				1347				11	X	X	X	X						X	X	X	X	X	X					4
10	110822022				1429				11	X	X	X	X						X	X	X	X	X	X					4
11	110822023				1501				11	X	X	X	X						X	X	X	X	X	X				013	1
12	110822024				1542				11	X	X	X	X						X	X	X	X	X	X				014	1
																											015	1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
TVOC → BTEX + TMBs	Ramboll	11-9-22	740	Jessica K Miller Pace	11/9/22	0740	2,2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: DATE Signed: 11.9.22

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

QC: NAM 11/9/22

010253-1122-001

40254438

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms pdf

Section A — Required Client Information:

- Company: Ramboll
- Address: 415A S 3rd St
- Milwaukee, WI 53204
- Email: ~~dglasford@ramboll.com~~ STACI.GOERZ@RAMBOLL.COM
- Phone: 262-719-4512 Fax:
- Requested Due Date:

Section B — Required Project Information:

- Report To: ~~Glasford, Duncan~~ GDSDATA@RAMBOLL
- Copy To:
- Purchase Order #:
- Project Name: Green Bay MGP
- Project #: 1940010253

Section C — Invoice Information:

- Attention: ACCOUNTS PAYABLE
- Company Name:
- Address: PO BOX 19800 GREEN BAY, WI 54307
- Pace Quote:
- Pace Project Manager: brian basten@pacelabs com,
- Pace Profile #: 4543 #15

Regulatory Agency:

State / Location: WI

Matrix codes: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Collected Start DATE	Collected Start TIME	Collected End DATE	Collected End TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank				Residual Chlorine (Y/N)	11/8/22 SW
																										0	1	6		
1	11082Z025	WT	G	11-8-22	1600				6	X		X	X						X	X	X					~~0~~	~~0~~	~~1~~		i
2	11082Z026	–	–	↓	—				2																X	0	1	7		
3	11082Z027	–	–	↓	—				2																X	0	1	8		
4	11082Z028	–	–	↓	—				2																X	0	1	9		
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PVOC → BTEX + TMBS	[signature] RAMBOLL	11-9-22	740	Susan [signature] Pace	11/9/22	0740	3.7	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: [signature] DATE Signed: 11-9-22

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form
Effective Date: 8/16/2022

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 602L438

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

Lab Lot# of pH paper: 10D0742 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: EW Date/ Time:

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001				6	2				3		3	3					18												X			X		2.5 / 5
002					2				1		1	1					6												X			X		2.5 / 5
003					2				1		1	1					6												X			X		2.5 / 5
004					2				1		1	1					6												X			X		2.5 / 5
005					2				1		1	1					6												X			X		2.5 / 5
006					2				1		1	1					6												X			X		2.5 / 5
007					2				1		1	1					6												X			X		2.5 / 5
008					2				1		1	1					6											1	X			X		2.5 / 5
009					2				1		1	1					6												X			X		2.5 / 5
010					2				1		1	1					6												X			X		2.5 / 5
011					2				1		1	1					3															X		2.5 / 5
012					2				1		1	1					6												X			X		2.5 / 5
013					2				1		1	1					6											1	X			X		2.5 / 5
014					2				1		1	1					6												X			X		2.5 / 5
015					2				1		1	1					6											1	X			X		2.5 / 5
016					3						1						3											2	X			X		2.5 / 5
017																	3															X		2.5 / 5
018																	2																	2.5 / 5
019																	2																	2.5 / 5
020																																		2.5 / 5

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	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40254438

40254438

Client Name: Ramboll

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 - 117 **Type of Ice:** ~~Wet~~ Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.5, 1.5 /Corr 2, 2, 2

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

Person examining contents:
Date: 11/9/22 /Initials: KW

Labeled By Initials: MJS

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	11/9/22 ~~☐Yes ☐No~~ ☑Yes ☐No ☐N/A	2. Filter 11/9/22 KW
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:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
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): 492		

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

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

December 08, 2022

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

RE: Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2022. 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
Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, Ramboll

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

CERTIFICATIONS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254440001	**110822020**	Water	11/08/22 13:16	11/09/22 07:40
40254440002	**110822021**	Water	11/08/22 13:47	11/09/22 07:40

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Green Bay, WI 54302
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SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254440001	**110822020**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254440002	**110822021**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 431223

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40254438001

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

- MSD (Lab ID: 2483139)
  - Methane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2483139)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 432672

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

- 110822020 (Lab ID: 40254440001)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822021 (Lab ID: 40254440002)
  - Silver
  - Arsenic

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

Analyte Comments:

QC Batch: 432672

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

- 110822021 (Lab ID: 40254440002)
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 7470**
Description: 7470 Mercury
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 431230

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 MGP
Pace Project No.: 40254440

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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:

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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

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

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

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

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

Additional Comments:

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

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Sample: 110822020 **Lab ID: 40254440001** Collected: 11/08/22 13:16 Received: 11/09/22 07:40 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	**465**	ug/L	7.0	1.4	2.5		11/11/22 13:16	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**2.0J**	ug/L	5.0	1.4	5	12/01/22 05:48	12/06/22 13:23	7440-38-2	D3
Barium	**395**	ug/L	11.6	3.5	5	12/01/22 05:48	12/06/22 13:23	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	12/01/22 05:48	12/06/22 13:23	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	12/01/22 05:48	12/06/22 13:23	7440-47-3	D3
Iron	**2960**	ug/L	1250	290	5	12/01/22 05:48	12/06/22 13:23	7439-89-6	
Lead	**1.6J**	ug/L	5.0	1.2	5	12/01/22 05:48	12/06/22 13:23	7439-92-1	D3
Manganese	**178**	ug/L	20.2	6.1	5	12/01/22 05:48	12/06/22 13:23	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	12/01/22 05:48	12/06/22 13:23	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	12/01/22 05:48	12/06/22 13:23	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:05	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**35.4**	ug/L	4.2	1.2	80	11/11/22 08:50	11/14/22 21:09	83-32-9	
Acenaphthylene	**3.0J**	ug/L	4.2	1.1	80	11/11/22 08:50	11/14/22 21:09	208-96-8	
Anthracene	**3.6J**	ug/L	4.2	1.6	80	11/11/22 08:50	11/14/22 21:09	120-12-7	
Benzo(a)anthracene	**<1.1**	ug/L	4.2	1.1	80	11/11/22 08:50	11/14/22 21:09	56-55-3	
Benzo(a)pyrene	**<1.1**	ug/L	4.2	1.1	80	11/11/22 08:50	11/14/22 21:09	50-32-8	
Benzo(b)fluoranthene	**<0.77**	ug/L	4.2	0.77	80	11/11/22 08:50	11/14/22 21:09	205-99-2	
Benzo(g,h,i)perylene	**<2.0**	ug/L	4.2	2.0	80	11/11/22 08:50	11/14/22 21:09	191-24-2	
Benzo(k)fluoranthene	**<1.9**	ug/L	4.2	1.9	80	11/11/22 08:50	11/14/22 21:09	207-08-9	
Chrysene	**<1.1**	ug/L	4.2	1.1	80	11/11/22 08:50	11/14/22 21:09	218-01-9	
Dibenz(a,h)anthracene	**<1.5**	ug/L	4.2	1.5	80	11/11/22 08:50	11/14/22 21:09	53-70-3	
Fluoranthene	**<2.2**	ug/L	4.2	2.2	80	11/11/22 08:50	11/14/22 21:09	206-44-0	
Fluorene	**20.1**	ug/L	4.2	2.0	80	11/11/22 08:50	11/14/22 21:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**<1.3**	ug/L	4.2	1.3	80	11/11/22 08:50	11/14/22 21:09	193-39-5	
1-Methylnaphthalene	**159**	ug/L	4.2	1.5	80	11/11/22 08:50	11/14/22 21:09	90-12-0	
2-Methylnaphthalene	**26.4**	ug/L	4.2	1.2	80	11/11/22 08:50	11/14/22 21:09	91-57-6	
Naphthalene	**476**	ug/L	4.2	1.7	80	11/11/22 08:50	11/14/22 21:09	91-20-3	
Phenanthrene	**26.4**	ug/L	4.2	2.2	80	11/11/22 08:50	11/14/22 21:09	85-01-8	
Pyrene	**<1.9**	ug/L	4.2	1.9	80	11/11/22 08:50	11/14/22 21:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	44-120		80	11/11/22 08:50	11/14/22 21:09	321-60-8	
Terphenyl-d14 (S)	76	%	49-120		80	11/11/22 08:50	11/14/22 21:09	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**438**	ug/L	5.0	1.5	5		11/11/22 00:51	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Sample: 110822020 **Lab ID: 40254440001** Collected: 11/08/22 13:16 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**51.4**	ug/L	5.0	1.6	5		11/11/22 00:51	100-41-4	
Toluene	**8.8**	ug/L	5.0	1.4	5		11/11/22 00:51	108-88-3	
1,2,4-Trimethylbenzene	**33.0**	ug/L	5.0	2.2	5		11/11/22 00:51	95-63-6	
1,3,5-Trimethylbenzene	**<1.8**	ug/L	5.0	1.8	5		11/11/22 00:51	108-67-8	
Xylene (Total)	**51.3**	ug/L	15.0	5.2	5		11/11/22 00:51	1330-20-7	
m&p-Xylene	**35.1**	ug/L	10.0	3.5	5		11/11/22 00:51	179601-23-1	
o-Xylene	**16.1**	ug/L	5.0	1.7	5		11/11/22 00:51	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		5		11/11/22 00:51	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		5		11/11/22 00:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		5		11/11/22 00:51	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**68.8**	mg/L	10.0	2.2	5		11/17/22 13:49	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.075J**	mg/L	0.25	0.059	1		11/16/22 10:47		

Sample: 110822021 **Lab ID: 40254440002** Collected: 11/08/22 13:47 Received: 11/09/22 07:40 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	**12.6**	ug/L	2.8	0.58	1		11/11/22 11:40	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**0.98J**	ug/L	2.0	0.56	2	12/01/22 05:48	12/06/22 14:44	7440-38-2	D3
Barium	**44.1**	ug/L	4.7	1.4	2	12/01/22 05:48	12/06/22 14:44	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	12/01/22 05:48	12/06/22 14:44	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	12/01/22 05:48	12/06/22 14:44	7440-47-3	D3
Iron	**<116**	ug/L	500	116	2	12/01/22 05:48	12/06/22 14:44	7439-89-6	D3
Lead	**0.74J**	ug/L	2.0	0.47	2	12/01/22 05:48	12/06/22 14:44	7439-92-1	D3
Manganese	**497**	ug/L	8.1	2.4	2	12/01/22 05:48	12/06/22 14:44	7439-96-5	
Selenium	**<0.63**	ug/L	2.1	0.63	2	12/01/22 05:48	12/06/22 14:44	7782-49-2	D3
Silver	**<0.25**	ug/L	1.0	0.25	2	12/01/22 05:48	12/06/22 14:44	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:07	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Sample: 110822021 **Lab ID: 40254440002** Collected: 11/08/22 13:47 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.052	0.015	1	11/11/22 08:50	11/14/22 21:29	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 21:29	208-96-8	
Anthracene	**0.020J**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 21:29	120-12-7	
Benzo(a)anthracene	**0.067**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 21:29	56-55-3	
Benzo(a)pyrene	**0.092**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 21:29	50-32-8	
Benzo(b)fluoranthene	**0.17**	ug/L	0.052	0.0095	1	11/11/22 08:50	11/14/22 21:29	205-99-2	
Benzo(g,h,i)perylene	**0.099**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 21:29	191-24-2	
Benzo(k)fluoranthene	**0.074**	ug/L	0.052	0.023	1	11/11/22 08:50	11/14/22 21:29	207-08-9	
Chrysene	**0.16**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 21:29	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 21:29	53-70-3	
Fluoranthene	**0.32**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 21:29	206-44-0	
Fluorene	**<0.025**	ug/L	0.052	0.025	1	11/11/22 08:50	11/14/22 21:29	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.075**	ug/L	0.052	0.016	1	11/11/22 08:50	11/14/22 21:29	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 21:29	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 21:29	91-57-6	
Naphthalene	**0.021J**	ug/L	0.052	0.021	1	11/11/22 08:50	11/14/22 21:29	91-20-3	
Phenanthrene	**0.15**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 21:29	85-01-8	
Pyrene	**0.29**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 21:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	44-120		1	11/11/22 08:50	11/14/22 21:29	321-60-8	
Terphenyl-d14 (S)	88	%	49-120		1	11/11/22 08:50	11/14/22 21:29	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 23:41	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 23:41	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 23:41	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 23:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 23:41	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 23:41	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 23:41	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 23:41	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 23:41	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/10/22 23:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/10/22 23:41	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1280**	mg/L	100	22.2	50		11/17/22 14:02	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.3**	mg/L	0.25	0.059	1		11/16/22 10:48		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 431223
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: 40254440001, 40254440002

METHOD BLANK: 2483135 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/11/22 08:53	

LABORATORY CONTROL SAMPLE & LCSD: 2483136 2483137

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	24.9	26.6	87	93	73-120	7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2483138 2483139

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	297	57.1	57.1	376	517	139	385	10-200	32	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 432039
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254440001, 40254440002

METHOD BLANK: 2488327 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	11/22/22 06:54	

LABORATORY CONTROL SAMPLE: 2488328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2488329 2488330

Parameter	Units	40254960007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	4.8	4.7	96	95	85-115	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 432672
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254440001, 40254440002

METHOD BLANK: 2490866 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<0.28	1.0	12/06/22 12:39	
Barium	ug/L	<0.70	2.3	12/06/22 12:39	
Cadmium	ug/L	<0.15	1.0	12/06/22 12:39	
Chromium	ug/L	<1.0	3.4	12/06/22 12:39	
Iron	ug/L	<58.0	250	12/06/22 12:39	
Lead	ug/L	<0.24	1.0	12/06/22 12:39	
Manganese	ug/L	<1.2	4.0	12/06/22 12:39	
Selenium	ug/L	<0.32	1.1	12/06/22 12:39	
Silver	ug/L	<0.13	0.50	12/06/22 12:39	

LABORATORY CONTROL SAMPLE: 2490867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	242	97	80-120	
Barium	ug/L	250	234	94	80-120	
Cadmium	ug/L	250	243	97	80-120	
Chromium	ug/L	250	235	94	80-120	
Iron	ug/L	10000	9540	95	80-120	
Lead	ug/L	250	242	97	80-120	
Manganese	ug/L	250	236	94	80-120	
Selenium	ug/L	250	249	100	80-120	
Silver	ug/L	125	123	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2490868 2490869

Parameter	Units	40254440001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	2.0J	250	250	264	248	105	98	75-125	6	20	
Barium	ug/L	395	250	250	638	601	97	82	75-125	6	20	
Cadmium	ug/L	<0.76	250	250	251	238	100	95	75-125	5	20	
Chromium	ug/L	<5.1	250	250	245	236	98	94	75-125	4	20	
Iron	ug/L	2960	10000	10000	12800	12200	98	92	75-125	5	20	
Lead	ug/L	1.6J	250	250	248	239	98	95	75-125	4	20	
Manganese	ug/L	178	250	250	426	406	99	91	75-125	5	20	
Selenium	ug/L	<1.6	250	250	268	254	107	101	75-125	5	20	
Silver	ug/L	<0.64	125	125	121	116	97	93	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 431101
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254440001, 40254440002

METHOD BLANK: 2482464 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/10/22 15:36	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/10/22 15:36	
Benzene	ug/L	<0.30	1.0	11/10/22 15:36	
Ethylbenzene	ug/L	<0.33	1.0	11/10/22 15:36	
m&p-Xylene	ug/L	<0.70	2.0	11/10/22 15:36	
o-Xylene	ug/L	<0.35	1.0	11/10/22 15:36	
Toluene	ug/L	<0.29	1.0	11/10/22 15:36	
Xylene (Total)	ug/L	<1.0	3.0	11/10/22 15:36	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	11/10/22 15:36	
4-Bromofluorobenzene (S)	%	108	70-130	11/10/22 15:36	
Toluene-d8 (S)	%	100	70-130	11/10/22 15:36	

LABORATORY CONTROL SAMPLE: 2482465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	55.1	110	70-130	
Ethylbenzene	ug/L	50	55.0	110	80-120	
m&p-Xylene	ug/L	100	105	105	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Toluene	ug/L	50	53.2	106	80-120	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482838 2482839

Parameter	Units	40254438014 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	57.1	56.7	114	113	70-130	1	20	
Ethylbenzene	ug/L	<0.33	50	50	57.2	57.8	114	116	80-121	1	20	
m&p-Xylene	ug/L	<0.70	100	100	110	109	110	109	70-130	0	20	
o-Xylene	ug/L	<0.35	50	50	54.0	54.8	108	110	70-130	1	20	
Toluene	ug/L	<0.29	50	50	55.2	56.2	110	112	80-120	2	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	109	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						97	98	70-130			
4-Bromofluorobenzene (S)	%						107	108	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482838 2482839

Parameter	Units	40254438014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						101	101	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 431230
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: 40254440001, 40254440002

METHOD BLANK: 2483165 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/14/22 11:31	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthylene	ug/L	<0.013	0.050	11/14/22 11:31	
Anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/14/22 11:31	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/14/22 11:31	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/14/22 11:31	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/14/22 11:31	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/14/22 11:31	
Chrysene	ug/L	<0.013	0.050	11/14/22 11:31	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Fluoranthene	ug/L	<0.026	0.050	11/14/22 11:31	
Fluorene	ug/L	<0.024	0.050	11/14/22 11:31	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/14/22 11:31	
Naphthalene	ug/L	<0.020	0.050	11/14/22 11:31	
Phenanthrene	ug/L	<0.026	0.050	11/14/22 11:31	
Pyrene	ug/L	<0.023	0.050	11/14/22 11:31	
2-Fluorobiphenyl (S)	%	79	44-120	11/14/22 11:31	
Terphenyl-d14 (S)	%	92	49-120	11/14/22 11:31	

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	1.6	71	80	51-120	12	20	
2-Methylnaphthalene	ug/L	2	1.4	1.6	69	79	50-120	12	20	
Acenaphthene	ug/L	2	1.5	1.7	76	85	65-120	12	20	
Acenaphthylene	ug/L	2	1.5	1.7	77	87	61-120	12	20	
Anthracene	ug/L	2	1.6	1.9	80	95	61-104	17	20	
Benzo(a)anthracene	ug/L	2	1.6	1.7	78	86	51-96	10	20	
Benzo(a)pyrene	ug/L	2	1.6	1.8	78	88	68-120	11	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.7	76	84	55-97	11	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.9	81	93	69-120	14	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	78	87	73-120	11	20	
Chrysene	ug/L	2	1.7	1.9	84	94	72-126	11	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.9	80	94	57-115	16	20	
Fluoranthene	ug/L	2	1.5	1.8	77	89	58-111	14	20	
Fluorene	ug/L	2	1.5	1.7	77	86	62-120	12	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	83	90	66-120	8	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.4	1.6	72	81	53-120	12	20	
Phenanthrene	ug/L	2	1.5	1.8	77	89	59-120	14	20	
Pyrene	ug/L	2	1.6	1.8	82	91	59-120	11	20	
2-Fluorobiphenyl (S)	%				77	81	44-120			
Terphenyl-d14 (S)	%				86	96	49-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 431666
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: 40254440001, 40254440002

METHOD BLANK: 2485739 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/16/22 18:06	

LABORATORY CONTROL SAMPLE: 2485740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.3	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485741 2485742

Parameter	Units	40254442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	162J	2000	2000	2320	2290	108	106	90-110	1	15	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

QC Batch: 431633
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: 40254440001, 40254440002

METHOD BLANK: 2485560 Matrix: Water
Associated Lab Samples: 40254440001, 40254440002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/22 10:34	

LABORATORY CONTROL SAMPLE: 2485561

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485562 2485563

Parameter	Units	40254438001 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	0.26	2.5	2.5	2.6	2.6	94	93	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485564 2485565

Parameter	Units	40254442001 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	2.3	2.3	94	93	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

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: 431273

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254440

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254440001	**110822020**	EPA 8015B Modified	431223		
40254440002	**110822021**	EPA 8015B Modified	431223		
40254440001	**110822020**	EPA 3010A	432672	EPA 6020B	432749
40254440002	**110822021**	EPA 3010A	432672	EPA 6020B	432749
40254440001	**110822020**	EPA 7470	432039	EPA 7470	432068
40254440002	**110822021**	EPA 7470	432039	EPA 7470	432068
40254440001	**110822020**	EPA 3510	431230	EPA 8270E by SIM	431273
40254440002	**110822021**	EPA 3510	431230	EPA 8270E by SIM	431273
40254440001	**110822020**	EPA 8260	431101		
40254440002	**110822021**	EPA 8260	431101		
40254440001	**110822020**	EPA 300.0	431666		
40254440002	**110822021**	EPA 300.0	431666		
40254440001	**110822020**	EPA 353.2	431633		
40254440002	**110822021**	EPA 353.2	431633		

QC: NAM 11/9/22

010253-1122-001
L1254440

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Ramboll	Report To:	~~Glasford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention:	ACCOUNTS PAYABLE
Address:	415A S 3rd St.	Copy To:		Company Name:	
	Milwaukee, WI 53204			Address:	PO Box 19800 GREENBAY, WI 54307
Email:	~~dglasford@ramboll.com~~ STACI GOETZ@RAMBOLL.COM	Purchase Order #:		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date:		Project #:	194010253	Pace Profile #:	4543 #15

WI

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank		Residual Chlorine (Y/N)	
1	110822013	WT	G	11-8-22	909				11	X	X	X	X						X	X	X	X	X	X				1
2	110822014	↓	↓	↓	956				11	X	X	X	X						X	X	X	X	X	X				1
3	110822015	↓	↓	↓	1001				11	X	X	X	X						X	X	X	X	X	X				1
4	110822016	↓	↓	↓	1040				11	X	X	X	X						X	X	X	X	X	X				2
5	110822017	↓	↓	↓	1116				11	X	X	X	X						X	X	X	X	X	X				2
6	110822018	↓	↓	↓	1150				11	X	X	X	X						X	X	X	X	X	X				2
7	110822019	↓	↓	↓	1226				11	X	X	X	X						X	X	X	X	X	X				2
8	110822020	↓	↓	↓	1316				11	X	X	X	X						X	X	X	X	X	X		001		4
9	110822021	↓	↓	↓	1347				11	X	X	X	X						X	X	X	X	X	X		002		4
10	110822022	↓	↓	↓	1429				11	X	X	X	X						X	X	X	X	X	X				1
11	110822023	↓	↓	↓	1507				11	X	X	X	X						X	X	X	X	X	X				1
12	110822024	↓	↓	↓	1542				11	X	X	X	X						X	X	X	X	X	X				1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBs	[signature] RAMBOLL	11-9-22	740	Susan K [signature] Pace	11/9/22	0740	2.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: [signature] DATE Signed: 11-9-22

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

QC: NAM 11/9/22

0102S3-1122-001

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately. 40254440

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Ramboll	Report To:	~~Glasford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention:	ACCOUNTS PAYABLE
Address:	415A S 3rd St.	Copy To:		Company Name:	
Milwaukee, WI 53204				Address:	PO BOX 19800 GREENBAY, WI 54307
Email:	~~dglasford@ramboll.com~~ STACI.GOERGER@RAMBOLL.COM	Purchase Order #:		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date:		Project #:	44010253	Pace Profile #:	4543 #15

WI

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	110822025	WT	G	11-8-22	1600				6	X		X	X						X	X	X						1
2	110822026	-	-	↓	—				2																X		1
3	110822027	-	-		—				2																X		1
4	110822028	-	-	↓	—				2																X		1
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBS	RAMBOLL	11-9-22	740	Susan Kluge Pace	11/9/22	0740	8272	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: DG DATE Signed: 11-9-22

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

QC: NAM 11/9/22

0 10253 - 1022-001

CHAIN-OF-CUSTODY / Analytical Request Document

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H025444410

Page : 1 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Ramboll	Report To:	~~Glasford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention:	ACCOUNTS PAYABLE
Address:	415A S 3rd St.	Copy To:		Company Name:	
	Milwaukee, WI 53204			Address:	PO BOX 19800 GREENBAY WI 54307
Email:	~~dglasford@ramboll.com~~ STACI.GOETZ@RAMBOLL.COM	Purchase Order #:		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date:		Project #:	194 0101353	Pace Profile #:	4543 #15

WI

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test: PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	1107 22001	WT	G	11-7-22	1104				11	X	X	X	X					X	X	X	X	X	X			3
2	1107 22002				1142				11	X	X	X	X					X	X	X	X	X	X			3
3	1107 22003				1224				33	X	X	X	X					X	X	X	X	X	X			1
4	1107 22004				1340				11	X	X	X	X					X	X	X	X	X	X			3
5	1107 22005				1426				11	X	X	X	X					X	X	X	X	X	X			1
6	1107 22006				1513				11	X	X	X	X					X	X	X	X	X	X			1
7	1107 22007				1544				11	X	X	X	X					X	X	X	X	X	X			1
8	1107 22008				1622				11	X	X	X	X					X	X	X	X	X	X			1
9	1107 22009				1627				11	X	X	X	X					X	X	X	X	X	X			1
10	1107 22010				1645				6	X		X	X					X	X	X						1
11	1108 22011			11-8-22	739				11	X	X	X	X					X	X	X	X	X	X			1
12	1108 22012				807				11	X	X	X	X					X	X	X	X	X	X			1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PVOC + BTEX + TMBs	D. Glasford - RAMBOLL	11-9-22	740		11/9/22	0740	2.7	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: D. Glasford DATE Signed: 11-9-22

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 402544440

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

Lab Lot# of pH paper: 10507112 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: SW Date/ Time:

	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *						
Pace Lab #	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		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001					3				1		1						6																	2.5 / 5
002					2				1		1						6																	2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																	11/9	2.5 / 5
020																																		2.5 / 5

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	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

Project #:

WO# : 40254440

40254440

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 - 117 **Type of Ice:** ~~Wet~~ Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.5, 1.5, 1.5 /Corr: 2, 2, 2

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

Person examining contents:
Date: 11/9/22 /Initials: KW

Labeled By Initials: TP

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 11/9/22 KW	~~☑Yes~~ ☑No ☐N/A	2. Filter 11/9/22 KW
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:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

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

Page 2 of 2

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

December 08, 2022

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

RE: Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2022. 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
Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, Ramboll

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

CERTIFICATIONS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

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

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254441001	**110722001**	Water	11/07/22 11:04	11/09/22 07:40
40254441002	**110722002**	Water	11/07/22 11:42	11/09/22 07:40
40254441003	**110722004**	Water	11/07/22 13:40	11/09/22 07:40

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

SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254441001	**110722001**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254441002	**110722002**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254441003	**110722004**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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

PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 431223

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40254438001

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

- MSD (Lab ID: 2483139)
  - Methane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2483139)
  - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 432672

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

- 110722001 (Lab ID: 40254441001)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead
- 110722002 (Lab ID: 40254441002)
  - Silver
  - Cadmium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

Analyte Comments:

QC Batch: 432672

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

- 110722002 (Lab ID: 40254441002)
  - Chromium
  - Lead
- 110722004 (Lab ID: 40254441003)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 7470**
Description: 7470 Mercury
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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: 431230

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 MGP
Pace Project No.: 40254441

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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.

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: 431666

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

- 110722004 (Lab ID: 40254441003)
  - Sulfate

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 08, 2022

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.

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Sample: 110722001 **Lab ID: 40254441001** Collected: 11/07/22 11:04 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**0.77J**	ug/L	2.8	0.58	1		11/11/22 11:47	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**<0.56**	ug/L	2.0	0.56	2	12/01/22 05:48	12/06/22 15:14	7440-38-2	D3
Barium	**215**	ug/L	4.7	1.4	2	12/01/22 05:48	12/06/22 15:14	7440-39-3	
Cadmium	**0.45J**	ug/L	2.0	0.30	2	12/01/22 05:48	12/06/22 15:14	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	12/01/22 05:48	12/06/22 15:14	7440-47-3	D3
Iron	**<116**	ug/L	500	116	2	12/01/22 05:48	12/06/22 15:14	7439-89-6	D3
Lead	**0.60J**	ug/L	2.0	0.47	2	12/01/22 05:48	12/06/22 15:14	7439-92-1	D3
Manganese	**145**	ug/L	8.1	2.4	2	12/01/22 05:48	12/06/22 15:14	7439-96-5	
Selenium	**10.3**	ug/L	2.1	0.63	2	12/01/22 05:48	12/06/22 15:14	7782-49-2	
Silver	**<0.25**	ug/L	1.0	0.25	2	12/01/22 05:48	12/06/22 15:14	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:10	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.052	0.015	1	11/11/22 08:50	11/14/22 17:10	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 17:10	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 17:10	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 17:10	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 17:10	50-32-8	
Benzo(b)fluoranthene	**<0.0095**	ug/L	0.052	0.0095	1	11/11/22 08:50	11/14/22 17:10	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 17:10	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	11/11/22 08:50	11/14/22 17:10	207-08-9	
Chrysene	**<0.013**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 17:10	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 17:10	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 17:10	206-44-0	
Fluorene	**<0.025**	ug/L	0.052	0.025	1	11/11/22 08:50	11/14/22 17:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	11/11/22 08:50	11/14/22 17:10	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 17:10	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 17:10	91-57-6	
Naphthalene	**<0.021**	ug/L	0.052	0.021	1	11/11/22 08:50	11/14/22 17:10	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 17:10	85-01-8	
Pyrene	**<0.024**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 17:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	11/11/22 08:50	11/14/22 17:10	321-60-8	
Terphenyl-d14 (S)	92	%	49-120		1	11/11/22 08:50	11/14/22 17:10	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 12:22	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Sample: 110722001 **Lab ID: 40254441001** Collected: 11/07/22 11:04 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 12:22	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 12:22	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 12:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 12:22	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 12:22	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 12:22	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 12:22	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		11/10/22 12:22	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 12:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/10/22 12:22	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**153**	mg/L	20.0	4.4	10		11/17/22 14:15	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**11.3**	mg/L	1.2	0.30	5		11/16/22 12:58		

Sample: 110722002 **Lab ID: 40254441002** Collected: 11/07/22 11:42 Received: 11/09/22 07:40 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	**885**	ug/L	11.2	2.3	4		11/15/22 12:51	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**2.2**	ug/L	2.0	0.56	2	12/01/22 05:48	12/06/22 15:50	7440-38-2	
Barium	**286**	ug/L	4.7	1.4	2	12/01/22 05:48	12/06/22 15:50	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	12/01/22 05:48	12/06/22 15:50	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	12/01/22 05:48	12/06/22 15:50	7440-47-3	D3
Iron	**2540**	ug/L	500	116	2	12/01/22 05:48	12/06/22 15:50	7439-89-6	
Lead	**0.65J**	ug/L	2.0	0.47	2	12/01/22 05:48	12/06/22 15:50	7439-92-1	D3
Manganese	**256**	ug/L	8.1	2.4	2	12/01/22 05:48	12/06/22 15:50	7439-96-5	
Selenium	**17.9**	ug/L	2.1	0.63	2	12/01/22 05:48	12/06/22 15:50	7782-49-2	
Silver	**<0.25**	ug/L	1.0	0.25	2	12/01/22 05:48	12/06/22 15:50	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:12	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Sample: 110722002 **Lab ID: 40254441002** Collected: 11/07/22 11:42 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	11/11/22 08:50	11/14/22 17:30	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.053	0.013	1	11/11/22 08:50	11/14/22 17:30	208-96-8	
Anthracene	**<0.020**	ug/L	0.053	0.020	1	11/11/22 08:50	11/14/22 17:30	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.053	0.014	1	11/11/22 08:50	11/14/22 17:30	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.053	0.013	1	11/11/22 08:50	11/14/22 17:30	50-32-8	
Benzo(b)fluoranthene	**<0.0097**	ug/L	0.053	0.0097	1	11/11/22 08:50	11/14/22 17:30	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	11/11/22 08:50	11/14/22 17:30	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.053	0.024	1	11/11/22 08:50	11/14/22 17:30	207-08-9	
Chrysene	**<0.013**	ug/L	0.053	0.013	1	11/11/22 08:50	11/14/22 17:30	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	11/11/22 08:50	11/14/22 17:30	53-70-3	
Fluoranthene	**<0.028**	ug/L	0.053	0.028	1	11/11/22 08:50	11/14/22 17:30	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	11/11/22 08:50	11/14/22 17:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.053	0.016	1	11/11/22 08:50	11/14/22 17:30	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	11/11/22 08:50	11/14/22 17:30	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	11/11/22 08:50	11/14/22 17:30	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	11/11/22 08:50	11/14/22 17:30	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.053	0.027	1	11/11/22 08:50	11/14/22 17:30	85-01-8	
Pyrene	**<0.024**	ug/L	0.053	0.024	1	11/11/22 08:50	11/14/22 17:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	86	%	44-120		1	11/11/22 08:50	11/14/22 17:30	321-60-8	
Terphenyl-d14 (S)	99	%	49-120		1	11/11/22 08:50	11/14/22 17:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 12:39	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 12:39	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 12:39	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 12:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 12:39	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 12:39	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 12:39	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 12:39	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		11/10/22 12:39	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/10/22 12:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/10/22 12:39	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**926**	mg/L	200	44.4	100		11/17/22 15:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**25.2**	mg/L	1.2	0.30	5		11/16/22 12:59		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Sample: 110722004 **Lab ID: 40254441003** Collected: 11/07/22 13:40 Received: 11/09/22 07:40 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	**4150**	ug/L	56.0	11.5	20		11/15/22 12:08	74-82-8	HS
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**3.3J**	ug/L	5.0	1.4	5	12/01/22 05:48	12/07/22 08:27	7440-38-2	D3
Barium	**414**	ug/L	11.6	3.5	5	12/01/22 05:48	12/06/22 15:58	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	12/01/22 05:48	12/06/22 15:58	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	12/01/22 05:48	12/07/22 08:27	7440-47-3	D3
Iron	**34000**	ug/L	1250	290	5	12/01/22 05:48	12/07/22 08:27	7439-89-6	
Lead	**<1.2**	ug/L	5.0	1.2	5	12/01/22 05:48	12/06/22 15:58	7439-92-1	D3
Manganese	**1190**	ug/L	20.2	6.1	5	12/01/22 05:48	12/07/22 08:27	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	12/01/22 05:48	12/07/22 08:27	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	12/01/22 05:48	12/06/22 15:58	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:14	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 17:50	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 17:50	208-96-8	
Anthracene	**0.044J**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 17:50	120-12-7	
Benzo(a)anthracene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 17:50	56-55-3	
Benzo(a)pyrene	**<0.014**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 17:50	50-32-8	
Benzo(b)fluoranthene	**<0.010**	ug/L	0.055	0.010	1	11/11/22 08:50	11/14/22 17:50	205-99-2	
Benzo(g,h,i)perylene	**<0.026**	ug/L	0.055	0.026	1	11/11/22 08:50	11/14/22 17:50	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.055	0.024	1	11/11/22 08:50	11/14/22 17:50	207-08-9	
Chrysene	**<0.014**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 17:50	218-01-9	
Dibenz(a,h)anthracene	**<0.020**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 17:50	53-70-3	
Fluoranthene	**<0.029**	ug/L	0.055	0.029	1	11/11/22 08:50	11/14/22 17:50	206-44-0	
Fluorene	**<0.026**	ug/L	0.055	0.026	1	11/11/22 08:50	11/14/22 17:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.055	0.017	1	11/11/22 08:50	11/14/22 17:50	193-39-5	
1-Methylnaphthalene	**<0.020**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 17:50	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 17:50	91-57-6	
Naphthalene	**0.023J**	ug/L	0.055	0.022	1	11/11/22 08:50	11/14/22 17:50	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.055	0.028	1	11/11/22 08:50	11/14/22 17:50	85-01-8	
Pyrene	**<0.025**	ug/L	0.055	0.025	1	11/11/22 08:50	11/14/22 17:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	86	%	44-120		1	11/11/22 08:50	11/14/22 17:50	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	11/11/22 08:50	11/14/22 17:50	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/10/22 17:55	71-43-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Sample: 110722004 **Lab ID: 40254441003** Collected: 11/07/22 13:40 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/10/22 17:55	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/10/22 17:55	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/10/22 17:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/10/22 17:55	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/10/22 17:55	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/10/22 17:55	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/10/22 17:55	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/10/22 17:55	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/10/22 17:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/10/22 17:55	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**<22.2**	mg/L	100	22.2	50		11/17/22 15:20	14808-79-8	D3
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:52		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431223
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: 40254441001

METHOD BLANK: 2483135 Matrix: Water
Associated Lab Samples: 40254441001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/11/22 08:53	

LABORATORY CONTROL SAMPLE & LCSD: 2483136 2483137

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	24.9	26.6	87	93	73-120	7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2483138 2483139

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	297	57.1	57.1	376	517	139	385	10-200	32	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431408
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: 40254441002, 40254441003

METHOD BLANK: 2484616 Matrix: Water
Associated Lab Samples: 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/15/22 08:49	

LABORATORY CONTROL SAMPLE & LCSD: 2484617 2484618

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	27.1	28.4	95	99	73-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485044 2485045

Parameter	Units	40254442004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	24.9	28.6	28.6	44.1	46.7	67	76	10-200	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 432039
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2488327 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	11/22/22 06:54	

LABORATORY CONTROL SAMPLE: 2488328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2488329 2488330

Parameter	Units	40254960007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	4.8	4.7	96	95	85-115	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 432672
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2490866 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<0.28	1.0	12/06/22 12:39	
Barium	ug/L	<0.70	2.3	12/06/22 12:39	
Cadmium	ug/L	<0.15	1.0	12/06/22 12:39	
Chromium	ug/L	<1.0	3.4	12/06/22 12:39	
Iron	ug/L	<58.0	250	12/06/22 12:39	
Lead	ug/L	<0.24	1.0	12/06/22 12:39	
Manganese	ug/L	<1.2	4.0	12/06/22 12:39	
Selenium	ug/L	<0.32	1.1	12/06/22 12:39	
Silver	ug/L	<0.13	0.50	12/06/22 12:39	

LABORATORY CONTROL SAMPLE: 2490867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	242	97	80-120	
Barium	ug/L	250	234	94	80-120	
Cadmium	ug/L	250	243	97	80-120	
Chromium	ug/L	250	235	94	80-120	
Iron	ug/L	10000	9540	95	80-120	
Lead	ug/L	250	242	97	80-120	
Manganese	ug/L	250	236	94	80-120	
Selenium	ug/L	250	249	100	80-120	
Silver	ug/L	125	123	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2490868 2490869

Parameter	Units	40254440001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	2.0J	250	250	264	248	105	98	75-125	6	20	
Barium	ug/L	395	250	250	638	601	97	82	75-125	6	20	
Cadmium	ug/L	<0.76	250	250	251	238	100	95	75-125	5	20	
Chromium	ug/L	<5.1	250	250	245	236	98	94	75-125	4	20	
Iron	ug/L	2960	10000	10000	12800	12200	98	92	75-125	5	20	
Lead	ug/L	1.6J	250	250	248	239	98	95	75-125	4	20	
Manganese	ug/L	178	250	250	426	406	99	91	75-125	5	20	
Selenium	ug/L	<1.6	250	250	268	254	107	101	75-125	5	20	
Silver	ug/L	<0.64	125	125	121	116	97	93	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431099
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2482458 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/10/22 08:24	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/10/22 08:24	
Benzene	ug/L	<0.30	1.0	11/10/22 08:24	
Ethylbenzene	ug/L	<0.33	1.0	11/10/22 08:24	
m&p-Xylene	ug/L	<0.70	2.0	11/10/22 08:24	
o-Xylene	ug/L	<0.35	1.0	11/10/22 08:24	
Toluene	ug/L	<0.29	1.0	11/10/22 08:24	
Xylene (Total)	ug/L	<1.0	3.0	11/10/22 08:24	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	11/10/22 08:24	
4-Bromofluorobenzene (S)	%	106	70-130	11/10/22 08:24	
Toluene-d8 (S)	%	99	70-130	11/10/22 08:24	

LABORATORY CONTROL SAMPLE: 2482459

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.4	109	70-130	
Ethylbenzene	ug/L	50	56.4	113	80-120	
m&p-Xylene	ug/L	100	107	107	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
Toluene	ug/L	50	53.8	108	80-120	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482460 2482461

Parameter	Units	40254438001 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	56.4	55.2	113	110	70-130	2	20	
Ethylbenzene	ug/L	<0.33	50	50	56.3	56.1	113	112	80-121	0	20	
m&p-Xylene	ug/L	<0.70	100	100	107	106	107	106	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	52.9	53.0	106	106	70-130	0	20	
Toluene	ug/L	<0.29	50	50	54.2	54.5	108	109	80-120	1	20	
Xylene (Total)	ug/L	<1.0	150	150	160	159	107	106	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						107	109	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482460 2482461

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431230
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: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2483165 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/14/22 11:31	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthylene	ug/L	<0.013	0.050	11/14/22 11:31	
Anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/14/22 11:31	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/14/22 11:31	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/14/22 11:31	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/14/22 11:31	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/14/22 11:31	
Chrysene	ug/L	<0.013	0.050	11/14/22 11:31	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Fluoranthene	ug/L	<0.026	0.050	11/14/22 11:31	
Fluorene	ug/L	<0.024	0.050	11/14/22 11:31	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/14/22 11:31	
Naphthalene	ug/L	<0.020	0.050	11/14/22 11:31	
Phenanthrene	ug/L	<0.026	0.050	11/14/22 11:31	
Pyrene	ug/L	<0.023	0.050	11/14/22 11:31	
2-Fluorobiphenyl (S)	%	79	44-120	11/14/22 11:31	
Terphenyl-d14 (S)	%	92	49-120	11/14/22 11:31	

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	1.6	71	80	51-120	12	20	
2-Methylnaphthalene	ug/L	2	1.4	1.6	69	79	50-120	12	20	
Acenaphthene	ug/L	2	1.5	1.7	76	85	65-120	12	20	
Acenaphthylene	ug/L	2	1.5	1.7	77	87	61-120	12	20	
Anthracene	ug/L	2	1.6	1.9	80	95	61-104	17	20	
Benzo(a)anthracene	ug/L	2	1.6	1.7	78	86	51-96	10	20	
Benzo(a)pyrene	ug/L	2	1.6	1.8	78	88	68-120	11	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.7	76	84	55-97	11	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.9	81	93	69-120	14	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	78	87	73-120	11	20	
Chrysene	ug/L	2	1.7	1.9	84	94	72-126	11	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.9	80	94	57-115	16	20	
Fluoranthene	ug/L	2	1.5	1.8	77	89	58-111	14	20	
Fluorene	ug/L	2	1.5	1.7	77	86	62-120	12	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	83	90	66-120	8	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.4	1.6	72	81	53-120	12	20	
Phenanthrene	ug/L	2	1.5	1.8	77	89	59-120	14	20	
Pyrene	ug/L	2	1.6	1.8	82	91	59-120	11	20	
2-Fluorobiphenyl (S)	%				77	81	44-120			
Terphenyl-d14 (S)	%				86	96	49-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431666
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: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2485739 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/16/22 18:06	

LABORATORY CONTROL SAMPLE: 2485740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.3	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485741 2485742

Parameter	Units	40254442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	162J	2000	2000	2320	2290	108	106	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

QC Batch: 431633
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: 40254441001, 40254441002, 40254441003

METHOD BLANK: 2485560 Matrix: Water
Associated Lab Samples: 40254441001, 40254441002, 40254441003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/22 10:34	

LABORATORY CONTROL SAMPLE: 2485561

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485562 2485563

Parameter	Units	40254438001 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	0.26	2.5	2.5	2.6	2.6	94	93	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485564 2485565

Parameter	Units	40254442001 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	2.3	2.3	94	93	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

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: 431273

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

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254441

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254441001	**110722001**	EPA 8015B Modified	431223		
40254441002	**110722002**	EPA 8015B Modified	431408		
40254441003	**110722004**	EPA 8015B Modified	431408		
40254441001	**110722001**	EPA 3010A	432672	EPA 6020B	432749
40254441002	**110722002**	EPA 3010A	432672	EPA 6020B	432749
40254441003	**110722004**	EPA 3010A	432672	EPA 6020B	432749
40254441001	**110722001**	EPA 7470	432039	EPA 7470	432068
40254441002	**110722002**	EPA 7470	432039	EPA 7470	432068
40254441003	**110722004**	EPA 7470	432039	EPA 7470	432068
40254441001	**110722001**	EPA 3510	431230	EPA 8270E by SIM	431273
40254441002	**110722002**	EPA 3510	431230	EPA 8270E by SIM	431273
40254441003	**110722004**	EPA 3510	431230	EPA 8270E by SIM	431273
40254441001	**110722001**	EPA 8260	431099		
40254441002	**110722002**	EPA 8260	431099		
40254441003	**110722004**	EPA 8260	431099		
40254441001	**110722001**	EPA 300.0	431666		
40254441002	**110722002**	EPA 300.0	431666		
40254441003	**110722004**	EPA 300.0	431666		
40254441001	**110722001**	EPA 353.2	431633		
40254441002	**110722002**	EPA 353.2	431633		
40254441003	**110722004**	EPA 353.2	431633		

QC: NAM 11/9/22

01053-1022-00

L#254441

CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 1 Of 3

Section A — Required Client Information:

Company: Ramboll
Address: 415A S 3rd St.
Milwaukee, WI 53204
Email: ~~dgleeford@ramboll.com~~ STACI.GOETZ@RAMBOLL.COM
Phone: 262-719-4512 Fax:
Requested Due Date:

Section B — Required Project Information:

Report To: ~~Gleeford, Duncan~~ GDSDATA@RAMBOLL.COM
Copy To:
Purchase Order #:
Project Name: Green Bay MGP
Project #: 1940101253

Section C — Invoice Information:

Attention: ACCOUNTS PAYABLE
Company Name:
Address: PO BOX 19000 GREEN BAY WI 54307
Pace Quote:
Pace Project Manager: brian.basten@pacelabs.com,
Pace Profile #: 4543 #15

Regulatory Agency:
State / Location: WI

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank				Residual Chlorine (Y/N)	
1	1107220001	WT	G	11-7-22	1104				11	X	X	X	X						X	X	X	X	X	X			001		3
2	1107220002				1142				11	X	X	X	X						X	X	X	X	X	X			002		3
3	1107220003				1224				33	X	X	X	X						X	X	X	X	X	X					1
4	1107220004				1340				11	X	X	X	X						X	X	X	X	X	X			003		3
5	1107220005				1426				11	X	X	X	X						X	X	X	X	X	X					1
6	1107220006				1513				11	X	X	X	X						X	X	X	X	X	X					1
7	1107220007				1541				11	X	X	X	X						X	X	X	X	X	X					1
8	1107220008				1622				11	X	X	X	X						X	X	X	X	X	X					1
9	1107220009				1627				11	X	X	X	X						X	X	X	X	X	X					1
10	1107220010				1645				6	X		X	X						X	X	X								1
11	1108220011			11-8-22	739				11	X	X	X	X						X	X	X	X	X	X					1
12	1108220012				807				11	X	X	X	X						X	X	X	X	X	X					1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC + BTEX + TMBs	Duncan Gleeford - Ramboll	11-9-22	740	Susan K Wyse Pace	11/9/22	0740	2.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLEASFORD
SIGNATURE of SAMPLER: Duncan Gleeford
DATE Signed: 11-9-22

TEMP in C | Received on ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

QC: NAM 11/9/22

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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01053-1122-001

40544441

Page : 2 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Ramboll	Report To:	~~Glasford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention:	ACCOUNTS PAYABLE
Address:	415A S 3rd St.	Copy To:		Company Name:	
	Milwaukee, WI 53204			Address:	PO Box 19800 GREENBAY, WI 54307
Email:	~~dglasford@ramboll.com~~ STACI.GOETZ@RAMBOLL.COM	Purchase Order #:		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date:		Project #:	194010253	Pace Profile #:	4543 #15

Regulatory Agency: | State / Location: WI

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	110822013	WT	G	11.8.22	909				11	X	X	X	X						X	X	X	X	X	X			1
2	110822014				956				11	X	X	X	X						X	X	X	X	X	X			1
3	110822015				1001				11	X	X	X	X						X	X	X	X	X	X			1
4	110822016				1040				11	X	X	X	X						X	X	X	X	X	X			2
5	110822017				1116				11	X	X	X	X						X	X	X	X	X	X			2
6	110822018				1150				11	X	X	X	X						X	X	X	X	X	X			2
7	110822019				1226				11	X	X	X	X						X	X	X	X	X	X			2
8	110822020				1316				11	X	X	X	X						X	X	X	X	X	X			4
9	110822021				1347				11	X	X	X	X						X	X	X	X	X	X			4
10	110822022				1429				11	X	X	X	X						X	X	X	X	X	X			1
11	110822023				1501				11	X	X	X	X						X	X	X	X	X	X			1
12	110822024				1542				11	X	X	X	X						X	X	X	X	X	X			1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBs	RAMBOLL	11.9.22	740		11/9/22	0740	2,7	Y	N	Y

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	DUNCAN GLASFORD			
SIGNATURE of SAMPLER:		DATE Signed:	11.9.22	

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

QC: NAM 11/9/22

010253-1122-001
L1025441

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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Company:	Ramboll	Report To:	~~Glasford, Duncan~~ GWSDATA@RAMBOLL	Attention:	ACCOUNTS PAYABLE
Address:	415A S 3rd St.	Copy To:		Company Name:	
	Milwaukee, WI 53204			Address:	PO BOX 19800 GREEN BAY, WI 54307
Email:	~~dglasford@ramboll.com~~ STACI.GOERZ@RAMBOLL	Purchase Order #:		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date:		Project #:	94010253	Pace Profile #:	4543 #15

Regulatory Agency	State / Location
	WI

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	11082202S	WT	G	11-8-22	1600				6	X		X	X						X	X	X						i
2	11082202G	-	-	|	—				2																X		
3	11082202T	-	-	|	—				2																X		
4	11082202S	-	-	↓	—				2																X		
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBs	RAMBOLL	11-9-22	740	Susan Kluge Pace	11/9/22	0740	3,2,7	Y	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: DATE Signed: 11-9-22

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 40254441

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

Lab Lot# of pH paper: 10D0712 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: EW 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		1	1					6																2.5 / 5
002					2				1		1	1					6												X			X		2.5 / 5
003					2				1		1	1					6												X			X		2.5 / 5
004																												6	X			X		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
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018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5
																																		2.5 / 5

11/9/22 EW

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

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4
BP2Z	500 mL plastic NaOH + Zn

VG9C	40 mL clear ascorbic w/ HCl
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN 1	
GN 2	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll Project #:

WO# : 40254441

40254441

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 - 117 **Type of Ice:** ~~Wet~~ Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.5, 1.5 /Corr: 2, 2

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

Person examining contents: Date: 11/9/22 /Initials: SW

Labeled By Initials: JP

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

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 11/9/22 SW	~~☒Yes~~ ☐No ☐N/A	2. Filter 11/9/22 SW
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:	☒Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: Date/Time:

Comments/ Resolution:

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

Page 2 of 2

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

December 12, 2022

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

RE: Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2022. 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
Phil Brochocki, Ramboll
NRT Data, Ramboll
Eric Hritsuk, Ramboll
Kyle Schaefer, Ramboll Americas
Dan Vachon, Ramboll

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(920)469-2436

CERTIFICATIONS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254442001	**110822016**	Water	11/08/22 10:40	11/09/22 07:40
40254442002	**110822017**	Water	11/08/22 11:16	11/09/22 07:40
40254442003	**110822018**	Water	11/08/22 11:50	11/09/22 07:40
40254442004	**110822019**	Water	11/08/22 12:26	11/09/22 07:40

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SAMPLE ANALYTE COUNT

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254442001	**110822016**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254442002	**110822017**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254442003	**110822018**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40254442004	**110822019**	EPA 8015B Modified	ALD	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	JAV	11
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1

PASI-G = Pace Analytical Services - Green Bay

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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.

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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: 432392

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

- 110822016 (Lab ID: 40254442001)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Lead
  - Selenium
- 110822017 (Lab ID: 40254442002)
  - Silver
  - Arsenic

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 6020B**
Description: 6020B MET ICPMS
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

Analyte Comments:

QC Batch: 432392

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

- 110822017 (Lab ID: 40254442002)
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium
- 110822018 (Lab ID: 40254442003)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Manganese
  - Lead
  - Selenium
- 110822019 (Lab ID: 40254442004)
  - Silver
  - Arsenic
  - Cadmium
  - Chromium
  - Iron
  - Lead
  - Selenium

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 7470**
Description: 7470 Mercury
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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: 431230

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 MGP
Pace Project No.: 40254442

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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.

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: 431666

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

- 110822016 (Lab ID: 40254442001)
  - Sulfate

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PROJECT NARRATIVE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2022

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: 431634

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40254494004,40254725005

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

- MS (Lab ID: 2485570)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 2485571)
  - Nitrogen, NO2 plus NO3

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822016 **Lab ID: 40254442001** Collected: 11/08/22 10:40 Received: 11/09/22 07:40 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	**71.6**	ug/L	2.8	0.58	1		11/15/22 09:28	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**<5.6**	ug/L	20.0	5.6	20	11/29/22 04:09	12/08/22 01:38	7440-38-2	D3
Barium	**189**	ug/L	46.6	14.0	20	11/29/22 04:09	12/08/22 01:38	7440-39-3	
Cadmium	**<3.0**	ug/L	20.0	3.0	20	11/29/22 04:09	12/08/22 01:38	7440-43-9	D3
Chromium	**<20.4**	ug/L	68.0	20.4	20	11/29/22 04:09	12/08/22 01:38	7440-47-3	D3
Iron	**5170**	ug/L	5000	1160	20	11/29/22 04:09	12/08/22 01:38	7439-89-6	
Lead	**<1.2**	ug/L	5.0	1.2	5	11/29/22 04:09	12/04/22 13:52	7439-92-1	D3
Manganese	**1350**	ug/L	81.0	24.3	20	11/29/22 04:09	12/08/22 01:38	7439-96-5	
Selenium	**<6.3**	ug/L	21.2	6.3	20	11/29/22 04:09	12/08/22 01:38	7782-49-2	D3
Silver	**<2.5**	ug/L	10.0	2.5	20	11/29/22 04:09	12/08/22 01:38	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:21	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 21:49	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 21:49	208-96-8	
Anthracene	**0.041J**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 21:49	120-12-7	
Benzo(a)anthracene	**0.020J**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 21:49	56-55-3	
Benzo(a)pyrene	**0.038J**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 21:49	50-32-8	
Benzo(b)fluoranthene	**0.081**	ug/L	0.055	0.010	1	11/11/22 08:50	11/14/22 21:49	205-99-2	
Benzo(g,h,i)perylene	**0.045J**	ug/L	0.055	0.026	1	11/11/22 08:50	11/14/22 21:49	191-24-2	
Benzo(k)fluoranthene	**0.035J**	ug/L	0.055	0.025	1	11/11/22 08:50	11/14/22 21:49	207-08-9	
Chrysene	**0.064**	ug/L	0.055	0.014	1	11/11/22 08:50	11/14/22 21:49	218-01-9	
Dibenz(a,h)anthracene	**<0.020**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 21:49	53-70-3	
Fluoranthene	**0.099**	ug/L	0.055	0.029	1	11/11/22 08:50	11/14/22 21:49	206-44-0	
Fluorene	**<0.026**	ug/L	0.055	0.026	1	11/11/22 08:50	11/14/22 21:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.036J**	ug/L	0.055	0.017	1	11/11/22 08:50	11/14/22 21:49	193-39-5	
1-Methylnaphthalene	**<0.020**	ug/L	0.055	0.020	1	11/11/22 08:50	11/14/22 21:49	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.055	0.015	1	11/11/22 08:50	11/14/22 21:49	91-57-6	
Naphthalene	**<0.022**	ug/L	0.055	0.022	1	11/11/22 08:50	11/14/22 21:49	91-20-3	
Phenanthrene	**0.042J**	ug/L	0.055	0.028	1	11/11/22 08:50	11/14/22 21:49	85-01-8	
Pyrene	**0.086**	ug/L	0.055	0.025	1	11/11/22 08:50	11/14/22 21:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	44-120		1	11/11/22 08:50	11/14/22 21:49	321-60-8	
Terphenyl-d14 (S)	101	%	49-120		1	11/11/22 08:50	11/14/22 21:49	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/11/22 15:57	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822016 **Lab ID: 40254442001** Collected: 11/08/22 10:40 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/11/22 15:57	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/11/22 15:57	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/11/22 15:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/11/22 15:57	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/11/22 15:57	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/11/22 15:57	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/11/22 15:57	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/11/22 15:57	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/11/22 15:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/11/22 15:57	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**162J**	mg/L	200	44.4	100		11/17/22 15:32	14808-79-8	D3
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:53		

Sample: 110822017 **Lab ID: 40254442002** Collected: 11/08/22 11:16 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**1.1J**	ug/L	2.8	0.58	1		11/15/22 09:35	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**<1.4**	ug/L	5.0	1.4	5	11/29/22 04:09	12/08/22 01:45	7440-38-2	D3
Barium	**90.8**	ug/L	11.6	3.5	5	11/29/22 04:09	12/08/22 01:45	7440-39-3	
Cadmium	**<0.76**	ug/L	5.0	0.76	5	11/29/22 04:09	12/08/22 01:45	7440-43-9	D3
Chromium	**<5.1**	ug/L	17.0	5.1	5	11/29/22 04:09	12/08/22 01:45	7440-47-3	D3
Iron	**<290**	ug/L	1250	290	5	11/29/22 04:09	12/08/22 01:45	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 13:59	7439-92-1	D3
Manganese	**42.8**	ug/L	20.2	6.1	5	11/29/22 04:09	12/09/22 11:19	7439-96-5	
Selenium	**<1.6**	ug/L	5.3	1.6	5	11/29/22 04:09	12/08/22 01:45	7782-49-2	D3
Silver	**<0.64**	ug/L	2.5	0.64	5	11/29/22 04:09	12/08/22 01:45	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:24	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822017 **Lab ID: 40254442002** Collected: 11/08/22 11:16 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 22:09	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 22:09	208-96-8	
Anthracene	**<0.020**	ug/L	0.054	0.020	1	11/11/22 08:50	11/14/22 22:09	120-12-7	
Benzo(a)anthracene	**0.016J**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 22:09	56-55-3	
Benzo(a)pyrene	**0.038J**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 22:09	50-32-8	
Benzo(b)fluoranthene	**0.064**	ug/L	0.054	0.0099	1	11/11/22 08:50	11/14/22 22:09	205-99-2	
Benzo(g,h,i)perylene	**0.039J**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 22:09	191-24-2	
Benzo(k)fluoranthene	**0.044J**	ug/L	0.054	0.024	1	11/11/22 08:50	11/14/22 22:09	207-08-9	
Chrysene	**0.056**	ug/L	0.054	0.014	1	11/11/22 08:50	11/14/22 22:09	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 22:09	53-70-3	
Fluoranthene	**0.091**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 22:09	206-44-0	
Fluorene	**<0.025**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 22:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.029J**	ug/L	0.054	0.017	1	11/11/22 08:50	11/14/22 22:09	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.054	0.019	1	11/11/22 08:50	11/14/22 22:09	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	11/11/22 08:50	11/14/22 22:09	91-57-6	
Naphthalene	**0.026J**	ug/L	0.054	0.022	1	11/11/22 08:50	11/14/22 22:09	91-20-3	
Phenanthrene	**0.046J**	ug/L	0.054	0.028	1	11/11/22 08:50	11/14/22 22:09	85-01-8	
Pyrene	**0.083**	ug/L	0.054	0.025	1	11/11/22 08:50	11/14/22 22:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	44-120		1	11/11/22 08:50	11/14/22 22:09	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	11/11/22 08:50	11/14/22 22:09	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/11/22 16:15	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/11/22 16:15	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/11/22 16:15	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/11/22 16:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/11/22 16:15	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/11/22 16:15	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/11/22 16:15	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/11/22 16:15	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/11/22 16:15	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/11/22 16:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/11/22 16:15	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**305**	mg/L	40.0	8.9	20		11/17/22 20:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		11/16/22 10:56		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822018 **Lab ID: 40254442003** Collected: 11/08/22 11:50 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**1.0J**	ug/L	2.8	0.58	1		11/15/22 09:42	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic	**1.1J**	ug/L	2.0	0.56	2	11/29/22 04:09	12/08/22 01:53	7440-38-2	D3
Barium	**19.1**	ug/L	4.7	1.4	2	11/29/22 04:09	12/08/22 01:53	7440-39-3	
Cadmium	**<0.30**	ug/L	2.0	0.30	2	11/29/22 04:09	12/08/22 01:53	7440-43-9	D3
Chromium	**<2.0**	ug/L	6.8	2.0	2	11/29/22 04:09	12/08/22 01:53	7440-47-3	D3
Iron	**<116**	ug/L	500	116	2	11/29/22 04:09	12/08/22 01:53	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/08/22 01:53	7439-92-1	D3
Manganese	**3.1J**	ug/L	8.1	2.4	2	11/29/22 04:09	12/09/22 12:03	7439-96-5	D3
Selenium	**<0.63**	ug/L	2.1	0.63	2	11/29/22 04:09	12/08/22 01:53	7782-49-2	D3
Silver	**<0.25**	ug/L	1.0	0.25	2	11/29/22 04:09	12/08/22 01:53	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:26	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 22:29	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 22:29	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 22:29	120-12-7	
Benzo(a)anthracene	**0.023J**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 22:29	56-55-3	
Benzo(a)pyrene	**0.035J**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 22:29	50-32-8	
Benzo(b)fluoranthene	**0.069**	ug/L	0.052	0.0095	1	11/11/22 08:50	11/14/22 22:29	205-99-2	
Benzo(g,h,i)perylene	**0.041J**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 22:29	191-24-2	
Benzo(k)fluoranthene	**0.042J**	ug/L	0.052	0.023	1	11/11/22 08:50	11/14/22 22:29	207-08-9	
Chrysene	**0.064**	ug/L	0.052	0.013	1	11/11/22 08:50	11/14/22 22:29	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 22:29	53-70-3	
Fluoranthene	**0.10**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 22:29	206-44-0	
Fluorene	**<0.024**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 22:29	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.031J**	ug/L	0.052	0.016	1	11/11/22 08:50	11/14/22 22:29	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	11/11/22 08:50	11/14/22 22:29	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	11/11/22 08:50	11/14/22 22:29	91-57-6	
Naphthalene	**<0.021**	ug/L	0.052	0.021	1	11/11/22 08:50	11/14/22 22:29	91-20-3	
Phenanthrene	**0.047J**	ug/L	0.052	0.027	1	11/11/22 08:50	11/14/22 22:29	85-01-8	
Pyrene	**0.096**	ug/L	0.052	0.024	1	11/11/22 08:50	11/14/22 22:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	44-120		1	11/11/22 08:50	11/14/22 22:29	321-60-8	
Terphenyl-d14 (S)	93	%	49-120		1	11/11/22 08:50	11/14/22 22:29	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/11/22 16:32	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822018 **Lab ID: 40254442003** Collected: 11/08/22 11:50 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/11/22 16:32	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/11/22 16:32	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/11/22 16:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/11/22 16:32	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/11/22 16:32	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/11/22 16:32	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/11/22 16:32	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		11/11/22 16:32	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/11/22 16:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/11/22 16:32	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1650**	mg/L	200	44.4	100		11/22/22 15:54	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.23J**	mg/L	0.25	0.059	1		11/16/22 10:57		

Sample: 110822019 **Lab ID: 40254442004** Collected: 11/08/22 12:26 Received: 11/09/22 07:40 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	**24.9**	ug/L	2.8	0.58	1		11/15/22 09:49	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic	**<2.8**	ug/L	10.0	2.8	10	11/29/22 04:09	12/08/22 02:00	7440-38-2	D3
Barium	**311**	ug/L	23.3	7.0	10	11/29/22 04:09	12/08/22 02:00	7440-39-3	
Cadmium	**<1.5**	ug/L	10.0	1.5	10	11/29/22 04:09	12/08/22 02:00	7440-43-9	D3
Chromium	**<10.2**	ug/L	34.0	10.2	10	11/29/22 04:09	12/08/22 02:00	7440-47-3	D3
Iron	**<580**	ug/L	2500	580	10	11/29/22 04:09	12/08/22 02:00	7439-89-6	D3
Lead	**<0.47**	ug/L	2.0	0.47	2	11/29/22 04:09	12/04/22 14:14	7439-92-1	D3
Manganese	**465**	ug/L	40.5	12.2	10	11/29/22 04:09	12/08/22 02:00	7439-96-5	
Selenium	**<3.2**	ug/L	10.6	3.2	10	11/29/22 04:09	12/08/22 02:00	7782-49-2	D3
Silver	**<1.3**	ug/L	5.0	1.3	10	11/29/22 04:09	12/08/22 02:00	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	11/21/22 10:30	11/22/22 07:28	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Sample: 110822019 **Lab ID: 40254442004** Collected: 11/08/22 12:26 Received: 11/09/22 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	11/14/22 09:15	11/15/22 11:05	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.053	0.013	1	11/14/22 09:15	11/15/22 11:05	208-96-8	
Anthracene	**<0.020**	ug/L	0.053	0.020	1	11/14/22 09:15	11/15/22 11:05	120-12-7	
Benzo(a)anthracene	**<0.015**	ug/L	0.053	0.015	1	11/14/22 09:15	11/15/22 11:05	56-55-3	
Benzo(a)pyrene	**<0.014**	ug/L	0.053	0.014	1	11/14/22 09:15	11/15/22 11:05	50-32-8	
Benzo(b)fluoranthene	**<0.0097**	ug/L	0.053	0.0097	1	11/14/22 09:15	11/15/22 11:05	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	11/14/22 09:15	11/15/22 11:05	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.053	0.024	1	11/14/22 09:15	11/15/22 11:05	207-08-9	
Chrysene	**<0.013**	ug/L	0.053	0.013	1	11/14/22 09:15	11/15/22 11:05	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	11/14/22 09:15	11/15/22 11:05	53-70-3	
Fluoranthene	**<0.028**	ug/L	0.053	0.028	1	11/14/22 09:15	11/15/22 11:05	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	11/14/22 09:15	11/15/22 11:05	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.053	0.017	1	11/14/22 09:15	11/15/22 11:05	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	11/14/22 09:15	11/15/22 11:05	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	11/14/22 09:15	11/15/22 11:05	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	11/14/22 09:15	11/15/22 11:05	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.053	0.027	1	11/14/22 09:15	11/15/22 11:05	85-01-8	
Pyrene	**<0.024**	ug/L	0.053	0.024	1	11/14/22 09:15	11/15/22 11:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	44-120		1	11/14/22 09:15	11/15/22 11:05	321-60-8	
Terphenyl-d14 (S)	91	%	49-120		1	11/14/22 09:15	11/15/22 11:05	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/11/22 16:49	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/11/22 16:49	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/11/22 16:49	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/11/22 16:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/11/22 16:49	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		11/11/22 16:49	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/11/22 16:49	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/11/22 16:49	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		11/11/22 16:49	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/11/22 16:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/11/22 16:49	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**91.7**	mg/L	40.0	8.9	20		11/17/22 22:23	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.078J**	mg/L	0.25	0.059	1		11/16/22 10:59		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431408 | 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: 40254442001, 40254442002, 40254442003, 40254442004

METHOD BLANK: 2484616 Matrix: Water
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/15/22 08:49	

LABORATORY CONTROL SAMPLE & LCSD: 2484617 2484618

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	27.1	28.4	95	99	73-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485044 2485045

Parameter	Units	40254442004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	24.9	28.6	28.6	44.1	46.7	67	76	10-200	6	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 432039
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

METHOD BLANK: 2488327 Matrix: Water
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	11/22/22 06:54	

LABORATORY CONTROL SAMPLE: 2488328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2488329 2488330

Parameter	Units	40254960007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	4.8	4.7	96	95	85-115	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 432392
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

METHOD BLANK: 2489782 Matrix: Water
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<0.28	1.0	12/09/22 08:45	
Barium	ug/L	<0.70	2.3	12/07/22 21:06	
Cadmium	ug/L	<0.15	1.0	12/07/22 21:06	
Chromium	ug/L	<1.0	3.4	12/09/22 08:45	
Iron	ug/L	<58.0	250	12/09/22 08:45	
Lead	ug/L	<0.24	1.0	12/07/22 21:06	
Manganese	ug/L	<1.2	4.0	12/09/22 08:45	
Selenium	ug/L	<0.32	1.1	12/09/22 08:45	
Silver	ug/L	<0.13	0.50	12/07/22 21:06	

LABORATORY CONTROL SAMPLE: 2489783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	252	101	80-120	
Barium	ug/L	250	247	99	80-120	
Cadmium	ug/L	250	261	104	80-120	
Chromium	ug/L	250	250	100	80-120	
Iron	ug/L	10000	10000	100	80-120	
Lead	ug/L	250	235	94	80-120	
Manganese	ug/L	250	252	101	80-120	
Selenium	ug/L	250	262	105	80-120	
Silver	ug/L	125	127	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2489784 2489785

Parameter	Units	40254438001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	3.8	250	250	275	279	108	110	75-125	1	20	
Barium	ug/L	197	250	250	458	448	104	100	75-125	2	20	
Cadmium	ug/L	<0.30	250	250	261	257	104	103	75-125	1	20	
Chromium	ug/L	<2.0	250	250	260	262	104	104	75-125	1	20	
Iron	ug/L	6880	10000	10000	17400	17100	106	103	75-125	2	20	
Lead	ug/L	<0.47	250	250	249	247	99	99	75-125	1	20	
Manganese	ug/L	336	250	250	610	599	110	106	75-125	2	20	
Selenium	ug/L	3.2	250	250	280	285	111	113	75-125	2	20	
Silver	ug/L	<0.25	125	125	123	122	98	97	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431141
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

METHOD BLANK: 2482663 Matrix: Water
Associated Lab Samples: 40254442001, 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/11/22 07:32	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/11/22 07:32	
Benzene	ug/L	<0.30	1.0	11/11/22 07:32	
Ethylbenzene	ug/L	<0.33	1.0	11/11/22 07:32	
m&p-Xylene	ug/L	<0.70	2.0	11/11/22 07:32	
o-Xylene	ug/L	<0.35	1.0	11/11/22 07:32	
Toluene	ug/L	<0.29	1.0	11/11/22 07:32	
Xylene (Total)	ug/L	<1.0	3.0	11/11/22 07:32	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	11/11/22 07:32	
4-Bromofluorobenzene (S)	%	107	70-130	11/11/22 07:32	
Toluene-d8 (S)	%	99	70-130	11/11/22 07:32	

LABORATORY CONTROL SAMPLE: 2482664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	55.7	111	70-130	
Ethylbenzene	ug/L	50	56.6	113	80-120	
m&p-Xylene	ug/L	100	107	107	70-130	
o-Xylene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	53.9	108	80-120	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431230
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: 40254442001, 40254442002, 40254442003

METHOD BLANK: 2483165 Matrix: Water
Associated Lab Samples: 40254442001, 40254442002, 40254442003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/14/22 11:31	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthene	ug/L	<0.014	0.050	11/14/22 11:31	
Acenaphthylene	ug/L	<0.013	0.050	11/14/22 11:31	
Anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/14/22 11:31	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/14/22 11:31	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/14/22 11:31	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/14/22 11:31	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/14/22 11:31	
Chrysene	ug/L	<0.013	0.050	11/14/22 11:31	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/14/22 11:31	
Fluoranthene	ug/L	<0.026	0.050	11/14/22 11:31	
Fluorene	ug/L	<0.024	0.050	11/14/22 11:31	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/14/22 11:31	
Naphthalene	ug/L	<0.020	0.050	11/14/22 11:31	
Phenanthrene	ug/L	<0.026	0.050	11/14/22 11:31	
Pyrene	ug/L	<0.023	0.050	11/14/22 11:31	
2-Fluorobiphenyl (S)	%	79	44-120	11/14/22 11:31	
Terphenyl-d14 (S)	%	92	49-120	11/14/22 11:31	

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	1.6	71	80	51-120	12	20	
2-Methylnaphthalene	ug/L	2	1.4	1.6	69	79	50-120	12	20	
Acenaphthene	ug/L	2	1.5	1.7	76	85	65-120	12	20	
Acenaphthylene	ug/L	2	1.5	1.7	77	87	61-120	12	20	
Anthracene	ug/L	2	1.6	1.9	80	95	61-104	17	20	
Benzo(a)anthracene	ug/L	2	1.6	1.7	78	86	51-96	10	20	
Benzo(a)pyrene	ug/L	2	1.6	1.8	78	88	68-120	11	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.7	76	84	55-97	11	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.9	81	93	69-120	14	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	78	87	73-120	11	20	
Chrysene	ug/L	2	1.7	1.9	84	94	72-126	11	20	
Dibenz(a,h)anthracene	ug/L	2	1.6	1.9	80	94	57-115	16	20	
Fluoranthene	ug/L	2	1.5	1.8	77	89	58-111	14	20	
Fluorene	ug/L	2	1.5	1.7	77	86	62-120	12	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	83	90	66-120	8	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

LABORATORY CONTROL SAMPLE & LCSD: 2483166 2483167

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.4	1.6	72	81	53-120	12	20	
Phenanthrene	ug/L	2	1.5	1.8	77	89	59-120	14	20	
Pyrene	ug/L	2	1.6	1.8	82	91	59-120	11	20	
2-Fluorobiphenyl (S)	%				77	81	44-120			
Terphenyl-d14 (S)	%				86	96	49-120			

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431347
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: 40254442004

METHOD BLANK: 2484333 Matrix: Water
Associated Lab Samples: 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	11/14/22 13:31	
2-Methylnaphthalene	ug/L	<0.014	0.050	11/14/22 13:31	
Acenaphthene	ug/L	<0.014	0.050	11/14/22 13:31	
Acenaphthylene	ug/L	<0.013	0.050	11/14/22 13:31	
Anthracene	ug/L	<0.018	0.050	11/14/22 13:31	
Benzo(a)anthracene	ug/L	<0.014	0.050	11/14/22 13:31	
Benzo(a)pyrene	ug/L	<0.013	0.050	11/14/22 13:31	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	11/14/22 13:31	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	11/14/22 13:31	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	11/14/22 13:31	
Chrysene	ug/L	<0.013	0.050	11/14/22 13:31	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	11/14/22 13:31	
Fluoranthene	ug/L	<0.026	0.050	11/14/22 13:31	
Fluorene	ug/L	<0.024	0.050	11/14/22 13:31	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	11/14/22 13:31	
Naphthalene	ug/L	<0.020	0.050	11/14/22 13:31	
Phenanthrene	ug/L	<0.026	0.050	11/14/22 13:31	
Pyrene	ug/L	<0.023	0.050	11/14/22 13:31	
2-Fluorobiphenyl (S)	%	84	44-120	11/14/22 13:31	
Terphenyl-d14 (S)	%	97	49-120	11/14/22 13:31	

LABORATORY CONTROL SAMPLE & LCSD: 2484334 2484335

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	1.5	74	76	51-120	3	20	
2-Methylnaphthalene	ug/L	2	1.5	1.5	73	75	50-120	3	20	
Acenaphthene	ug/L	2	1.6	1.6	80	80	65-120	1	20	
Acenaphthylene	ug/L	2	1.6	1.6	81	81	61-120	1	20	
Anthracene	ug/L	2	1.7	1.8	86	88	61-104	2	20	
Benzo(a)anthracene	ug/L	2	1.6	1.6	78	78	51-96	1	20	
Benzo(a)pyrene	ug/L	2	1.6	1.7	82	83	68-120	1	20	
Benzo(b)fluoranthene	ug/L	2	1.6	1.6	79	79	55-97	0	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.6	82	82	69-120	0	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	81	83	73-120	3	20	
Chrysene	ug/L	2	1.8	1.9	89	93	72-126	4	20	
Dibenz(a,h)anthracene	ug/L	2	1.7	1.8	87	89	57-115	2	20	
Fluoranthene	ug/L	2	1.7	1.7	85	85	58-111	0	20	
Fluorene	ug/L	2	1.6	1.6	81	81	62-120	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.6	86	81	66-120	6	20	

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(920)469-2436

QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

LABORATORY CONTROL SAMPLE & LCSD: 2484334 2484335

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.5	1.6	76	79	53-120	4	20	
Phenanthrene	ug/L	2	1.7	1.7	84	83	59-120	1	20	
Pyrene	ug/L	2	1.7	1.7	85	86	59-120	1	20	
2-Fluorobiphenyl (S)	%				84	81	44-120			
Terphenyl-d14 (S)	%				93	93	49-120			

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431666
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: 40254442001

METHOD BLANK: 2485739 Matrix: Water
Associated Lab Samples: 40254442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/16/22 18:06	

LABORATORY CONTROL SAMPLE: 2485740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.3	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485741 2485742

Parameter	Units	40254442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	162J	2000	2000	2320	2290	108	106	90-110	1	15	

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431735
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: 40254442002, 40254442003, 40254442004

METHOD BLANK: 2486269 Matrix: Water
Associated Lab Samples: 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/17/22 20:14	

LABORATORY CONTROL SAMPLE: 2486270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.4	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2486271 2486272

Parameter	Units	40254442002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	305	400	400	706	703	100	99	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431633
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: 40254442001

METHOD BLANK: 2485560 Matrix: Water
Associated Lab Samples: 40254442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/22 10:34	

LABORATORY CONTROL SAMPLE: 2485561

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485562 2485563

Parameter	Units	40254438001 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	0.26	2.5	2.5	2.6	2.6	94	93	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485564 2485565

Parameter	Units	40254442001 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	2.3	2.3	94	93	90-110	1	20	

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QUALITY CONTROL DATA

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

QC Batch: 431634
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: 40254442002, 40254442003, 40254442004

METHOD BLANK: 2485566 Matrix: Water
Associated Lab Samples: 40254442002, 40254442003, 40254442004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/16/22 10:55	

LABORATORY CONTROL SAMPLE: 2485567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485568 2485569

Parameter	Units	40254494004 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	3.7	2.5	2.5	6.2	6.2	99	98	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485570 2485571

Parameter	Units	40254725005 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	2.1	2.1	84	83	90-110	1	20	M0

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALIFIERS

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

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: 431273

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

ANALYTE QUALIFIERS

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101253 GREEN BAY MGP
Pace Project No.: 40254442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254442001	**110822016**	EPA 8015B Modified	431408		
40254442002	**110822017**	EPA 8015B Modified	431408		
40254442003	**110822018**	EPA 8015B Modified	431408		
40254442004	**110822019**	EPA 8015B Modified	431408		
40254442001	**110822016**	EPA 3010A	432392	EPA 6020B	432524
40254442002	**110822017**	EPA 3010A	432392	EPA 6020B	432524
40254442003	**110822018**	EPA 3010A	432392	EPA 6020B	432524
40254442004	**110822019**	EPA 3010A	432392	EPA 6020B	432524
40254442001	**110822016**	EPA 7470	432039	EPA 7470	432068
40254442002	**110822017**	EPA 7470	432039	EPA 7470	432068
40254442003	**110822018**	EPA 7470	432039	EPA 7470	432068
40254442004	**110822019**	EPA 7470	432039	EPA 7470	432068
40254442001	**110822016**	EPA 3510	431230	EPA 8270E by SIM	431273
40254442002	**110822017**	EPA 3510	431230	EPA 8270E by SIM	431273
40254442003	**110822018**	EPA 3510	431230	EPA 8270E by SIM	431273
40254442004	**110822019**	EPA 3510	431347	EPA 8270E by SIM	431415
40254442001	**110822016**	EPA 8260	431141		
40254442002	**110822017**	EPA 8260	431141		
40254442003	**110822018**	EPA 8260	431141		
40254442004	**110822019**	EPA 8260	431141		
40254442001	**110822016**	EPA 300.0	431666		
40254442002	**110822017**	EPA 300.0	431735		
40254442003	**110822018**	EPA 300.0	431735		
40254442004	**110822019**	EPA 300.0	431735		
40254442001	**110822016**	EPA 353.2	431633		
40254442002	**110822017**	EPA 353.2	431634		
40254442003	**110822018**	EPA 353.2	431634		
40254442004	**110822019**	EPA 353.2	431634		

QC: NAM 11/9/22

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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010253-1122-001

L1025444.2

Page : 2 Of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Ramboll	Report To: Glasford, Duncan GDSDATA@RAMBOLL.COM	Attention: ACCOUNTS PAYABLE
Address: 415A S 3rd St	Copy To:	Company Name
Milwaukee, WI 53204		Address: PO Box 19800 GREEN BAY, WI 54307
Email: dglasford@ramboll.com STACI.GOETZ@RAMBOLL.COM	Purchase Order #	Pace Quote
Phone: 262-719-4512 Fax	Project Name: Green Bay MGP	Pace Project Manager: brian.basten@pacelabs.com,
Requested Due Date	Project #: 19401053	Pace Profile #: 4543 #15

Regulatory Agency

State / Location: WI

ITEM #	SAMPLE ID (One Character per box (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank				Residual Chlorine (Y/N)	
	MATRIX: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS																	Requested Analysis Filtered (Y/N)												
1	110822013	WT	G	11.8.22	909				11	X	X	X	X						X	X	X	X	X	X							1
2	110822014				456				11	X	X	X	X						X	X	X	X	X	X							1
3	110822015				1001				11	X	X	X	X						X	X	X	X	X	X							1
4	110822016				1040				11	X	X	X	X						X	X	X	X	X	X							2
5	110822017				1116				11	X	X	X	X						X	X	X	X	X	X				0	0	1	2
6	110822018				1150				11	X	X	X	X						X	X	X	X	X	X				0	0	2	2
7	110822019				1226				11	X	X	X	X						X	X	X	X	X	X				0	0	3	2
8	110822020				1316				11	X	X	X	X						X	X	X	X	X	X				0	0	4	2
9	110822021				1347				11	X	X	X	X						X	X	X	X	X	X							4
10	110822022				1429				11	X	X	X	X						X	X	X	X	X	X							4
11	110822023				1501				11	X	X	X	X						X	X	X	X	X	X							1
12	110822024				1542				11	X	X	X	X						X	X	X	X	X	X							1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
TVOC → BTEX + TMBs	Ramboll	11-9-22	740	Jessica K Myhre Pace	11/9/22	0740

SAMPLE CONDITIONS: TEMP in C: 3,7 | Received on Ice (Y/N): Y | Custody Sealed Cooler (Y/N): N | Samples Intact (Y/N): Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: [signature] DATE Signed: 11.9.22

QC: NAM 11/9/22

010253-1022-00
40254442

Pace

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Page: 1 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company	Ramboll	Report To	~~Glasford, Duncan~~ GDSDATA@RAMBOLL.COM	Attention	ACCOUNTS PAYABLE
Address	415A S 3rd St	Copy To		Company Name:	
	Milwaukee, WI 53204			Address	PO BOX 19800 GREEN BAY WI 54307
Email	~~dglasford@ramboll.com~~ STACI.GOETZ@RAMBOLL.COM	Purchase Order #		Pace Quote:	
Phone	262-719-4512 Fax:	Project Name	Green Bay MGP	Pace Project Manager:	brian.basten@pacelabs.com,
Requested Due Date		Project #	1940101253	Pace Profile #:	4543 #15

Regulatory Agency:

State / Location: WI

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box (A-Z, 0-9 / , -) Sample Ids must be unique

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)	
1	110722001	WT	G	11-7-22	1104				11	X	X	X	X						X	X	X	X	X	X			3
2	110722002	↓	↓	↓	1142				11	X	X	X	X						X	X	X	X	X	X			3
3	110722003				1224				33	X	X	X	X						X	X	X	X	X	X			1
4	110722004				1340				11	X	X	X	X						X	X	X	X	X	X			3
5	110722005				1426				11	X	X	X	X						X	X	X	X	X	X			1
6	110722006				1513				11	X	X	X	X						X	X	X	X	X	X			1
7	110722007				1544				11	X	X	X	X						X	X	X	X	X	X			1
8	110722008				1622				11	X	X	X	X						X	X	X	X	X	X			1
9	110722009				1627				11	X	X	X	X						X	X	X	X	X	X			1
10	110722010			↓	1645				6	X		X	X						X	X	X						1
11	110822011			11-8-22	739				11	X	X	X	X						X	X	X	X	X	X			1
12	110822012	↓	↓	↓	807				11	X	X	X	X						X	X	X	X	X	X			1

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBs	[signature] · RAMBOLL	11-9-22	740	[signature] Pace	11/9/22	0740	3.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER: [signature] DATE Signed: 11-9-22

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

QC: NAM 11/9/22

0102S3-1122-001

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

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

L402544442

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms.pdf

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Ramboll	Report To	~~Glasford, Duncan~~ GDSDATA@RAMBOLL	Attention	ACCOUNTS PAYABLE
Address:	415A S 3rd St	Copy To		Company Name:	
	Milwaukee, WI 53204			Address:	PO BOX 19800 GREENBAY, WI 54307
Email:	~~dglasford@ramboll.com~~ STACI.GOERGER@RAMBOLL	Purchase Order #		Pace Quote:	
Phone:	262-719-4512 Fax:	Project Name:	Green Bay MGP	Pace Project Manager:	brian basten@pacelabs com,
Requested Due Date:		Project #:	99010253	Pace Profile #:	4543 #15

Regulatory Agency:

State / Location: WI

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	PVOC	PAH by 8270 SIM (low vol)	Metals	Nitrate + Nitrite	Sulfate	Methane by 8015B	Trip Blank	Residual Chlorine (Y/N)
1	110822025	WT	G	11-8-22	1600				6	X		X	X						X	X	X					1
2	110822026	-	-	↓	—				2																X	
3	110822027	-	-		—				2																X	
4	110822028	-	-	↓	—				2																X	
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
PVOC → BTEX + TMBs	RAMBOLL	11-9-22	740	Susan Kilgore Pace	11/9/22	0740	3.2.7	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD

SIGNATURE of SAMPLER:

DATE Signed: 11-9-22

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

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form
Effective Date: 8/16/2022

Client Name: Ramboll

Sample Preservation Receipt Form

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

Project # HD54442

Lab Lot# of pH paper: 10D0782 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: EW Date/ Time:

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																		2.5 / 5
002					2				1		1	1					6												X			X		2.5 / 5
003					2				1		1	1					6												X			X		2.5 / 5
004					2				1		1	1					6												X			X		2.5 / 5
005																	6												X			X		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

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

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4
BP2Z	500 mL plastic NaOH + Zn

VG9C	40 mL clear ascorbic w/ HCl
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN 1	
GN 2	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

Project #: WO#: 40254442

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-117 **Type of Ice:** ~~Wet~~ Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.5, 1.5 /Corr: 2, 2

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

Person examining contents: Date: 11/9/22 /Initials: KW

Labeled By Initials: KB

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

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 11/9/22 KW	~~☒Yes~~ ☐No ☐N/A	2. Filter 11/9/22 KW
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:	☒Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
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