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

February 14, 2024

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

RE: January 2024 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 December 2023 Monthly Progress Report to United States Environmental Protection Agency (USEPA) by January 15, 2024.
- Submitted Remedial Investigation (RI) Report, Revision 0 – Former Green Bay Manufactured Gas Plant Site Upland Operable Unit 1 on January 9, 2024.

2) ANALYTICAL AND OTHER TESTING RESULTS RECEIVED

- None.

3) PROJECTED WORK

WPSC Actions

- Submit monthly progress report to USEPA by the 15th of the month.

USEPA Actions

- Review and comment on *RI Report- Revision 2 Former Green Bay Manufactured Gas Plant Site Sediments Operable Unit 2*. This includes *Green Bay OU2 Sediment Stability Monitoring Memorandum – Revision 1* as an appendix to the RI Report.

- Review and comment on *RI Report- Revision 0 Former Green Bay Manufactured Gas Plant Site Upland Operable Unit 1.*

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.

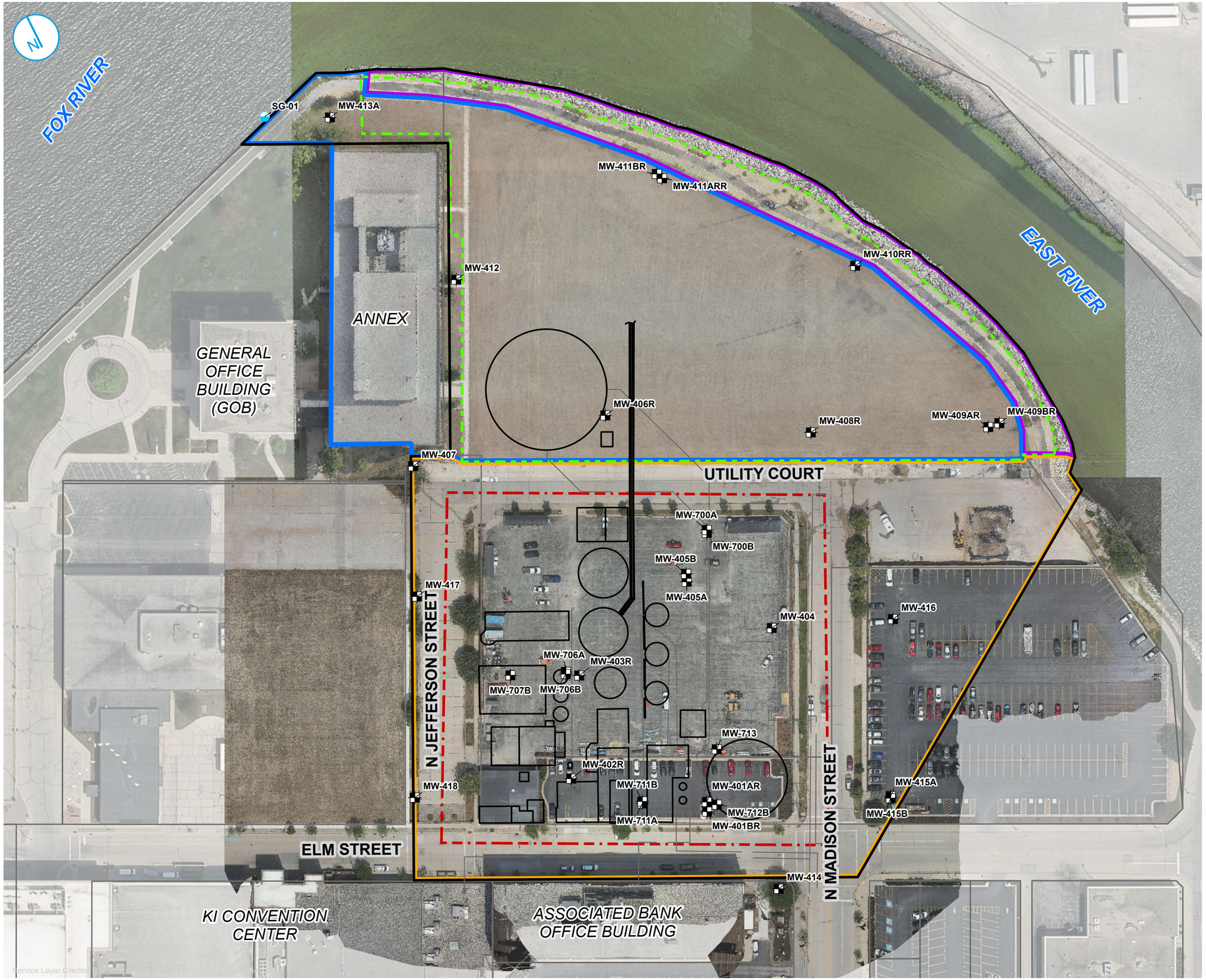
Sincerely,

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

Enclosures:
Figure 1. Groundwater Sample Location
Table 1. October & November 2023 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria
Table 2. October & November 2023 Groundwater Sample Results Compared to VISLs
January 2024 Monthly Progress Report Attachments

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



NORTH PARKING LOT AREA
SOUTH PARKING LOT AREA
RIVERWALK AREA
MONITORING WELL
STAFF GAUGE
2022-2023 EARLY REMOVAL ACTION EXCAVATION EXTENTS
UPLAND SITE BOUNDARY (OU1)
FORMER MGP SITE
FORMER STRUCTURE FOOTPRINT
PARCEL BOUNDARY

AERIAL IMAGERY: DRONE FLIGHTS BY RUEKERT & MIELKE. NORTH PARKING LOT - AUGUST 8, 2023, SOUTH PARKING LOT - JULY 10, 2023

0 50 100 Feet

MONITORING WELL LOCATIONS

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

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\GIS\Projects\151584\MXD\MPR\2024\MPR_2024 aprx\Figure 1_Monitoring Well Locations

PROJECT: 169000XXXX | DATED: 2/13/2024 | DESIGNER: GALARNMC

TABLES

Table 1. October & November 2023 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria

December 2023 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	BTEX Benzene	BTEX Ethylbenzene	BTEX Toluene	BTEX Xylene, o	BTEX Xylenes, m + p	BTEX Xylenes, Total	VOC 1,2,4-Trimethylbenzene	VOC 1,3,5-Trimethylbenzene	VOC Trimethylbenzenes, Total	PAH 1-Methylnaphthalene	PAH 2-Methylnaphthalene	PAH Acenaphthene	PAH Acenaphthylene	PAH Anthracene	PAH Benzo(a)anthracene	PAH Benzo(a)pyrene	PAH Benzo(b)fluoranthene	PAH Benzo(g,h,i)perylene	PAH Benzo(k)fluoranthene	PAH Chrysene	PAH Dibenz(a,h)anthracene	PAH Fluoranthene	PAH Fluorene	PAH Indeno(1,2,3-cd)pyrene	PAH Naphthalene	PAH Phenanthrene	PAH Pyrene
		Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
		WI Groundwater SL:	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**480**	**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:	0.5	140	160	NS	NS	400	NS	NS	96	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
		Tap Water RSL:	*0.46*	*1.5*	*1,100*	*190*	*190*	*190*	*56*	*60*	*NS*	*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*
101623001	MW-401AR	10/16/2023	***3,050***	*530*	111	69.6	78.8	148	*59.6*	6.3 J	65.9	*330*	19.7	19.8	18.4	11.6	*0.40* J	0.24 U	***0.53*** J	0.44 U	0.42 U	**1.3**	0.34 U	4.6	30.3	0.29 U	***135***	36.8	5.2
MW-401AR-20231130	MW-401AR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101623002	MW-401BR	10/16/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.053 UJ	0.053 UJ	0.015 U	0.013 U	0.020 U	0.014 U	*0.029* J	0.10 J	0.025 U	0.024 U	0.063	0.019 U	0.11	0.025 U	0.016 U	*0.41* J	0.055	0.10
MW-401BR-20231130	MW-401BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723004	MW-402R	10/17/2023	***508***	*80.3*	17.7	20.2	29.5	49.7	20.7	1.6 J	22.3	*216*	22.4	56.2	3.4	8.6	0.28 U	0.26 U	**0.24** J	0.49 U	0.47 U	**0.28** J	0.37 U	2.7	34.9	0.32 U	***360***	37.6	2.6
MW-402R-20231130	MW-402R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823031	MW-403R	10/18/2023	***1,240***	*82.1*	10.4	66.8	40.6	107	29.5	0.89 J	30.39	*66.9*	9.5	17.2	4.5 J	6.2 UJ	1.7 U	1.6 U	***1.7*** J	2.9 U	2.8 U	**2.0** J	2.2 U	3.7 J	10.9	1.9 U	***1,200***	15.5	2.8 U
MW-403R-20231130	MW-403R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823022/101823023 (N)	MW-404	10/18/2023	***13.0***	*117*	1.8	6.4	1.9 J	8.2	0.95 J	0.36 U	0.95	*82.3*	0.12 U	20.1	9.2	4.1 J	*0.12* J	0.10 U	0.16 J	0.19 U	0.18 U	**0.24** J	0.15 U	2.0	3.2 J	0.13 U	*3.7*	20.1	1.6
MW-404-20231130	MW-404	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823025	MW-405A	10/18/2023	***3,600***	*432*	193	*263*	*423*	*685*	*265*	25.9	290.9	*434*	*108*	27.5	6.3 J	12.6 UJ	3.4 U	3.2 U	***2.6*** J	5.9 U	5.6 U	**4.2** J	4.5 U	9.0 J	12.3 J	3.9 U	***2,480***	31.2	7.0 J
MW-405A-20231130	MW-405A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823024	MW-405B	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.050 UJ	0.014 U	0.050 U	0.12	0.12 J	*0.18*	***0.30***	***0.75*** J	0.51	0.26 J	**0.45**	*0.063*	1.0	0.027 J	*0.35*	0.10	0.23	0.72
MW-405B-20231130	MW-405B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723015/101723016 (N)	MW-406R	10/17/2023	***11.9***	0.33 U	0.29 U	3.3	0.84 J	4.1	0.64 J	0.36 U	0.64	0.55	0.14 J	0.18	0.31	0.021 J	0.014 U	0.013 U	0.0092 U	0.024 U	0.023 U	0.013 U	0.018 U	0.026 U	0.045 J	0.016 U	*9.7* J	0.026 U	0.023 U
113023008	MW-406R	11/30/2023	*0.86* J	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723007	MW-407	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0093 U	0.024 U	0.023 U	0.013 U	0.018 U	0.027 U	0.024 U	0.016 U	0.051 UJ	0.026 U	0.027 J
MW-407-20231130	MW-407	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723014	MW-408R	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.051 UJ	0.014 U	0.014 U	0.013 U	0.072	0.014 U	0.013 U	0.0092 U	0.024 U	0.023 U	0.013 U	0.018 U	0.027 U	0.024 U	0.016 U	0.020 U	0.026 U	0.023 U
MW-408R-20231130	MW-408R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723013	MW-409AR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.050 UJ	0.014 U	0.013 U	0.018 U	0.014 U	0.013 U	0.0091 U	0.023 U	0.022 U	0.013 U	0.018 U	0.026 U	0.023 U	0.015 U	0.077 J	0.026 U	0.023 U
MW-409AR-20231130	MW-409AR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723012	MW-409BR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.019 U	0.014 U	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0094 U	0.024 U	0.023 U	0.022 J	0.018 U	0.027 U	0.024 U	0.016 U	0.052 UJ	0.027 U	0.027 J
MW-409BR-20231130	MW-409BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723010/101723011 (N)	MW-410RR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.059	0.063	0.013 U	0.012 U	0.0089 U	0.023 U	0.022 U	0.021 J	0.017 U	0.035 J	0.024 J	0.015 U	0.049 UJ	0.049 UJ	0.033 J
MW-410RR-20231130	MW-410RR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113023007	MW-411ARR	11/30/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.077	0.086	0.028 J	0.12	0.097	*0.089*	*0.17*	***0.41*** J	0.12	0.14 J	**0.34**	0.018 U	0.69	0.050	0.081	*0.38*	0.39	0.53
MW-411ARR-20231016	MW-411ARR	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823030	MW-411BR	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0094 U	0.024 U	0.023 U	0.013 U	0.018 U	0.027 U	0.024 U	0.016 U	0.052 UJ	0.026 U	0.023 U
MW-411BR-20231130	MW-411BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723008	MW-412	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.050 UJ	0.014 U	0.013 U	0.030 J	0.014 U	0.013 U	0.0090 U	0.023 U	0.022 U	0.013 U	0.018 U	0.026 U	0.023 U	0.015 U	0.050 UJ	0.025 U	0.022 U
MW-412-20231130	MW-412	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723009	MW-413	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.050 UJ	0.013 U	0.050 J	0.014 U	0.013 U	0.0091 U	0.023 U	0.022 U	0.053	0.018 U	0.026 U	0.023 U	0.015 U	0.050 UJ	0.025 U	0.022 U
MW-413-20231130	MW-413	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823021	MW-414	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.080 J	0.052 UJ	0.052 UJ	0.013 U	0.019 U	0.018 J	0.021 J	0.054 J	0.026 J	0.024 J	0.035 J	0.018 U	0.070	0.024 U	0.022 J	*0.26*	0.052 UJ	0.053
MW-414-20231130	MW-414	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723019	MW-415A	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.017 U	0.013 U	0.014 U	0.012 U	0.020 J	*0.065*	*0.17*	***0.33*** J	0.17	0.20 J	**0.29**	0.023 J	0.47	0.023 U	0.14	0.049 UJ	0.13 J	0.35
MW-415A-20231130	MW-415A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723018	MW-415B	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.019 U	0.014 U	0.015 U	0.013 U	0.019 U	0.028 J	*0.099*	***0.32*** J	0.093	0.035 J	0.17	0.019 U	0.29	0.025 U	0.072	0.064 J	0.11 J	0.21
MW-415B-20231130	MW-415B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723017	MW-416	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.016 J	0.033 J	*0.077*	***0.31***	***0.62*** J	0.31	0.33 J	**0.45**	*0.045* J	0.71	0.024 U	*0.26*	0.051 UJ	0.20	0.53
MW-416-20231130	MW-416	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723006	MW-417	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0094 U	0.024 U	0.023 U	0.014 J	0.018 U	0.027 U	0.024 U	0.016 U	0.058 J	0.026 U	0.023 U
MW-417-20231130	MW-417	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723005	MW-418	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.014 U	0.014 U	0.013 U	0.018 U	0.014 U	0.013 U	0.0091 U	0.023 U	0.022 U	0.013 U	0.018 U	0.026 U	0.023 U	0.015 U	0.097 J	0.025 U	0.022 U
MW-418-20231130	MW-418	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823026	MW-700A	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.068 J	0.050 UJ	3.8	0.57	0.44 J	0.014 J	0.013 U	0.013 J	0.023 U	0.022 U	0.012 U	0.018 U	0.059	0.061	0.015 U	0.094 J	0.025 U	0.047 J
MW-700A-20231130	MW-700A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823027	MW-700B	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.018 U	0.051 UJ	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.011 J	0.024 U	0.023 U	0.014 J	0.018 U	0.038 J	0.024 U	0.016 U	0.051 J	0.051 UJ	0.039 J
MW-700B-20231130	MW-700B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823028	MW-706A	10/18/2023	***36.8***	0.61 J	1.3	0.86 J	0.96 J	1.8 J	0.45 U	0.36 U	0.81 U	0.83	0.69	0.21	0.11	0.053 UJ	0.014 U	0.013 U	0.010 J	0.024 U	0.023 U	0.013 U	0.019 U	0.055	0.17	0.016 U	*12.7*	0.32	0.050 J
MW-706A-20231130	MW-706A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101823029	MW-706B	10/18/2023	***649***	*13.0*	161	12.5	26.7	39.2	0.81 J	0.61 J	1.42	0.018 U	0.051 UJ	0.014 U	0.013 U	0.019 U	0.014 U	0.013 U	0.010 J	0.024 U	0.023 U	0.013 U	0.018 U	0.031 J	0.024 U	0.016 U	*0.26*	0.026 U	0.032 J
113023002	MW-706B	11/30/2023	***661***	*6.8*	44.6	29.8	37.3	67.1	6.3	3.8	10.1	0.094	0.12	0.19	0.12	0.12	*0.23*	***0.30***	***0.62*** J	0.35	0.20 J	**0.43**	*0.054*	0.92	0.17	0.25	*1.1*	0.46	0.79
113023001	MW-707B	11/30/2023	***780***	*137*	60.3	95.3	150	*246*	40.6	10.2	50.8	*494*	*507*	177	87.7	101	*49.5*	***22.0***	***22.9*** J	5.8	*7.0* J	***42.2***	1.8 U	102	178	*3.7* J	***1,390***	472	*138*
MW-707B-20231016	MW-707B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
101723003	MW-711A	10/17/2023	***31,300***	***16,000***	***8,980***	*7,330*	*13,100*	***20,400***	*2,740*	*879*	**3,619**	*343*	*511*	75.9	128	35.9 J	14.2 U	13.2 U	9.5 U	24.3 U	23.3 U	13.1 U	18.6 U	27.2 U	47.6 J	16.2 U	***10,500***	52.1 UJ	23.6 U
MW-711A-20231130	MW-711A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. October & November 2023 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria

December 2023 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	BTEX	BTEX	BTEX	BTEX	BTEX	BTEX	VOC	VOC	VOC	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
			Benzene	Ethylbenzene	Toluene	Xylene, o	Xylenes, m + p	Xylenes, Total	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
		Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
		WI Groundwater SL:	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**480**	**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:	0.5	140	160	NS	NS	400	NS	NS	96	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
		Tap Water RSL:	*0.46*	*1.5*	*1,100*	*190*	*190*	*190*	*56*	*60*	*NS*	*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*
113023004/113023005 (N)	MW-711B	11/30/2023	***601***	*107*	125	116	167	*282*	42.5	15.2	57.7	*19.1*	19.1	4.2	4.3	0.92 U	*0.77* J	***0.88*** J	***3.3*** J	1.2 U	1.2 J	**2.6**	0.89 U	5.3	2.5 J	0.78 U	***607***	3.4	3.8
MW-711B-20231016	MW-711B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113023006	MW-712B	11/30/2023	***16,000***	***1,670***	***5,660***	*1,570*	*2,820*	***4,390***	*628*	*192* J	**820**	*688*	*1,010*	29.0 J	74.2	46.6 J	*19.7* J	12.7 U	***25.7*** J	23.3 U	22.3 U	***46.2*** J	17.8 U	58.5	70.1	15.5 U	***9,540***	178	71.7
MW-712B-20231016	MW-712B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113023003	MW-713A	11/30/2023	***6.1***	*5.1*	0.29 U	3.3	2.5	5.8	5.6	1.7	7.30	0.30	0.26	0.21	1.1	0.43	*0.73*	***0.83***	***1.1*** J	0.50	0.33 J	**0.78**	*0.15*	1.1	0.23	*0.37*	*0.56*	0.79	1.5
MW-713A-20231016	MW-713A	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SG01-20231016	SG01	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SG01-20231130	SG01	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total Number of Samples Analyzed:			34	34	34	34	34	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Number of Detections:			15	13	12	14	14	14	13	11	13	16	13	15	18	18	14	11	21	9	10	22	5	22	17	9	24	17	23
Min:			0.86	0.61	1.3	0.86	0.84	1.8	0.64	0.61	0.64	0.068	0.086	0.028	0.016	0.02	0.014	0.021	0.01	0.026	0.024	0.014	0.023	0.031	0.024	0.022	0.051	0.055	0.027
Max:			31,300	16,000	8,980	7,330	13,100	20,400	2,740	879	3,619	688	1,010	177	128	101	49.5	22	25.7	5.8	7	46.2	0.15	102	178	3.7	10,500	472	138
WI Groundwater SL:			5	700	800	NS	NS	2000	NS	NS	480	NS	NS	NS	NS	3000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	100	3000	250
Number of Samples that Exceed WI Groundwater SL:			14	2	2	0	0	2	0	0	2	0	0	0	0	0	0	6	14	0	0	14	0	0	0	0	8	0	0
WI Groundwater PAL:			0.5	140	160	NS	NS	400	NS	NS	96	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
Number of Samples that Attain or Exceed WI Groundwater PAL:			15	4	4	0	0	3	0	0	3	0	0	0	0	0	0	11	17	0	0	20	0	1	1	0	9	0	2
Tap Water RSL:			0.46	1.5	1100	190	190	190	56	60	NS	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
Number of Samples that Exceed Tap Water RSL:			15	12	2	3	3	5	4	2	0	9	4	0	0	0	11	10	13	0	1	2	4	0	0	4	17	0	1

Bold	exceeds the Groundwater SL
Underline	attains or exceeds the WI Groundwater PAL
Italic	exceeds the Tap Water RSL
Yellow Highlighting	analyte concentration exceedance in one or more samples

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, revisions of the RSLs have been published by EPA through November 2023. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

PAL from WI Administrative Code NR 140 groundwater quality standard revised effective July 2023.

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

Results & Flags:

-- = Analysis not performed
J = Estimated Concentration
U = Concentration was not detected above the reported limit

Acronyms:

(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
µS/cm = microsiemens per centimeter (micromhos per centimeter or µmhos/cm)
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
Deg C = degrees Celsius / Centigrade
EPA = Environmental Protection Agency
MGP = Manufactured Gas Plant
NA = Not Applicable
NO2 + NO3 = nitrite plus nitrate
NS = No Screening Level/No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
RSL = Regional Screening Level
SL = Screening Level
USEPA = United States Environmental Protection Agency
VOC = Petroleum Volatile Organic Compound
WI = Wisconsin

Superscripts:

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

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700 N Adams St, Green Bay, Wisconsin
BRRTS#: 02-05-000254 USEPA#: WIN000509948

			Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field	Field
9-digit Code	Sample Location	Sample Date	Arsenic, Dissolved	Barium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Iron, Dissolved	Lead, Dissolved	Manganese, Dissolved	Mercury, Dissolved	Selenium, Dissolved	Silver, Dissolved	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*
101623001	MW-401AR	10/16/2023	*1.2* J	367	0.30 U	5.1 U	2,010	0.47 U	202	0.066 U	2.4	0.25 U	110 J	417,000	257	--	3.45	--	--	--	--	--
MW-401AR-20231130	MW-401AR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9	--	--	--	--	--
101623002	MW-401BR	10/16/2023	*1.2* J	41.1	0.30 U	2.0 U	856	0.47 U	***467***	0.066 U	0.63 U	0.25 U	59 U	1,120,000	67.3	0.11	7.02	-157.8	7.27	4051.3	14.41	14.47
MW-401BR-20231130	MW-401BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.61	--	--	--	--	--
101723004	MW-402R	10/17/2023	*2.3*	561	0.30 U	5.1 U	3,010	0.47 U	222	0.066 U	5.0	0.25 U	300	62,500	217	0.14	4.08	-207.7	7.10	8,159	17.91	15.60
MW-402R-20231130	MW-402R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.31	--	--	--	--	--
101823031	MW-403R	10/18/2023	0.56 U	99.9	0.30 U	2.0 U	116 U	0.47 U	33.1 J	0.066 U	0.63 U	0.25 U	59 U	727,000	100	0.12	3.75	-364.6	8.03	9,680	18.94	17.76
MW-403R-20231130	MW-403R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.58	--	--	--	--	--
101823022/101823023 (N)	MW-404	10/18/2023	*1.5* J	156	0.30 U	18.8	3,460	0.47 U	288	0.066 U	0.63 U	0.25 U	59 U	128,000	75.7	0.22	3.63	-162.6	6.80	6047.9	19.37	0.00
MW-404-20231130	MW-404	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.92	--	--	--	--	--
101823025	MW-405A	10/18/2023	0.56 U	832	0.30 U	5.1 U	6,420	0.47 U	***1,270***	0.066 U	0.63 U	0.25 U	59 U	16,100	206	--	2.90	--	--	--	--	--
MW-405A-20231130	MW-405A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.25	--	--	--	--	--
101823024	MW-405B	10/18/2023	*1.9* J	32.8	0.30 U	2.0 U	116 U	0.47 U	171	0.066 U	0.63 U	0.25 U	82 J	190,000	21.2	0.34	4.61	-114.6	7.31	5094.3	18.47	10.89
MW-405B-20231130	MW-405B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.55	--	--	--	--	--
101723015/101723016 (N)	MW-406R	10/17/2023	*1.1* J	151	0.30 U	5.1 U	362 J	0.47 U	***702***	0.066 U	0.72 J	0.25 U	67 J	311,000	18.9	0.26	5.37	-76.5	7.18	5993.1	16.63	85.73
113023008	MW-406R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	6.91	4.38	206.4	7.21	7435.40	11.94	1,862
101723007	MW-407	10/17/2023	*4.0*	247	0.30 U	2.0 U	12,600	0.47 U	***505***	0.066 U	0.63 U	0.25 U	59 U	54,800	732 J	0.25	4.61	-224.7	7.04	3307.9	15.76	16.57
MW-407-20231130	MW-407	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.86	--	--	--	--	--
101723014	MW-408R	10/17/2023	*2.4*	295	0.30 U	5.1 U	*15,700*	0.47 U	***2,460***	0.066 U	0.63 U	0.25 U	59 U	122,000	174	0.12	4.61	-141.4	6.52	8413.3	17.32	63.43
MW-408R-20231130	MW-408R	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.51	--	--	--	--	--
101723013	MW-409AR	10/17/2023	*1.3* J	131	0.30 U	5.1 U	3,560	0.47 U	***1,390***	0.066 U	0.63 U	0.25 U	59 U	569,000	87.8	0.18	4.30	-2.1	6.41	13,646	18.12	34.68
MW-409AR-20231130	MW-409AR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.67	--	--	--	--	--
101723012	MW-409BR	10/17/2023	0.56 U	30.8	0.30 U	2.0 U	116 U	0.47 U	61.6 J	0.066 U	0.63 U	0.25 U	290	126,000	1.3 J	0.24	4.05	-120.8	7.51	1405.8	15.61	47.08
MW-409BR-20231130	MW-409BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.98	--	--	--	--	--
101723010/101723011 (N)	MW-410RR	10/17/2023	*3.9*	222	0.30 U	2.0 U	8,500	0.47 U	***2,680***	0.066 U	0.63 U	0.25 U	59 U	421,000	1,250	0.26	4.57	-139.5	6.67	4698.2	17.64	22.02
MW-410RR-20231130	MW-410RR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.96	--	--	--	--	--
113023007	MW-411ARR	11/30/2023	*2.0* J	44.2	0.30 U	2.0 U	1,300	0.57 J	***1,830***	0.066 UJ	0.63 U	0.25 U	59 U	2,070,000	--	8.31	7.45	200.4	6.91	2766.10	12.71	3.46
MW-411ARR-20231016	MW-411ARR	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.94	--	--	--	--	--
101823030	MW-411BR	10/18/2023	*0.92* J	41.9	0.30 U	2.0 U	530	0.47 U	279	0.066 U	0.63 U	0.25 U	59 U	731,000	8.5	0.24	13.44	-193.2	7.45	3015.8	16.85	73.39
MW-411BR-20231130	MW-411BR	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.28	--	--	--	--	--
101723008	MW-412	10/17/2023	*3.2*	302	0.30 U	3.0 J	*21,500*	0.47 U	***880***	0.066 U	0.63 U	0.25 U	59 U	27,300	1,940	0.12	6.04	-225.8	6.85	4638.1	16.40	3.80
MW-412-20231130	MW-412	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.94	--	--	--	--	--
101723009	MW-413	10/17/2023	0.56 U	235	0.30 U	2.0 U	*22,100*	0.47 U	***424***	0.066 U	0.63 U	0.25 U	59 U	2,200 U	7,340	0.15	7.54	-166.4	6.38	1,604	14.16	19.42
MW-413-20231130	MW-413	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.77	--	--	--	--	--
101823021	MW-414	10/18/2023	*0.79* J	335	0.30 U	5.1 U	830 J	0.47 U	***1,470***	0.066 U	0.63 U	0.25 U	59 U	82,600	49.7 J	0.16	4.95	-140.1	6.98	9517.5	15.25	10.15
MW-414-20231130	MW-414	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.93	--	--	--	--	--
101723019	MW-415A	10/17/2023	0.56 U	108	0.30 U	2.0 U	116 U	0.47 U	17.5 J	0.066 U	0.63 U	0.25 U	59 U	260,000	0.58 U	0.25	1.93	-17.9	6.79	6857.5	17.77	3.70
MW-415A-20231130	MW-415A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.55	--	--	--	--	--
101723018	MW-415B	10/17/2023	0.56 U	20.5	0.30 J	2.0 U	116 U	0.47 U	2.4 U	0.066 U	0.63 U	0.25 U	180 J	1,510,000	0.58 U	1.69	5.02	-71.4	7.37	2565.6	15.23	95.22
MW-415B-20231130	MW-415B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.87	--	--	--	--	--
101723017	MW-416	10/17/2023	*4.0*	216	0.30 U	5.1 U	4,320	0.47 U	***1,970***	0.066 U	0.63 U	0.25 U	59 U	331,000	19.8	0.20	4.09	-101.5	6.46	21907.3	19.11	8.49
MW-416-20231130	MW-416	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.91	--	--	--	--	--
101723006	MW-417	10/17/2023	*2.1*	424	0.30 U	5.1 U	8,220	0.47 U	***584***	0.066 U	0.63 U	0.25 U	59 U	86,700	488	0.34	5.28	-221.5	6.95	7076.8	15.79	41.80
MW-417-20231130	MW-417	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.22	--	--	--	--	--
101723005	MW-418	10/17/2023	0.56 U	277	0.32 J	2.0 U	161 J	0.47 U	289	0.066 U	1.8 J	0.25 U	1,000	135,000	0.58 U	0.30	6.13	-43.0	7.06	3989.5	16.48	19.70
MW-418-20231130	MW-418	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.71	--	--	--	--	--
101823026	MW-700A	10/18/2023	*0.88* J	67.2	0.30 U	2.0 U	10,800	0.47 U	***1,030***	0.066 U	0.63 U	0.25 U	59 U	478,000	44.8	0.16	3.66	-188.6	6.70	4712.4	19.99	1.66
MW-700A-20231130	MW-700A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.83	--	--	--	--	--
101823027	MW-700B	10/18/2023	*1.6* J	316	0.30 U	2.0 U	13,800	0.47 U	***1,380***	0.066 U	1.2 J	0.25 U	59 U	450,000	264	0.11	3.71	-162.3	6.54	3640.7	19.05	73.93
MW-700B-20231130	MW-700B	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.79	--	--	--	--	--
101823028	MW-706A	10/18/2023	*6.2*	123	0.30 U	2.0 U	116 U	0.47 U	2.4 U	0.066 U	4.9	0.25 U	100 J	1,030,000	104	0.14	3.24	-307.9	10.42	9,772	20.52	3.20
MW-706A-20231130	MW-706A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.33	--	--	--	--	--
101823029	MW-706B	10/18/2023	*2.0* J	38.7	0.30 U	2.0 U	116 U	0.47 U	232	0.066 U	1.2 J	0.25 U	290	511,000	26.5	0.23	16.01	-151.2	7.22	1569.4	18.52	5.48
113023002	MW-706B	11/30/2023	***11.3***	50.9	0.30 U	2.0 U	2,030	0.47 U	***328***	0.066 UJ	9.1	0.25 U	180 J	405,000	--	2.45	14.29	148.6	7.39	158.37	13.55	559.96
113023001	MW-707B	11/30/2023	*6.1*	39.4	0.76 U	5.1 U	4,820	1.2 U	***682***	0.066 UJ	1.9 J	0.64 U	79 J	305,000	--	--	5.54	--	--	--	--	--
MW-707B-20231016	MW-707B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.44	--	--	--	--	--
101723003	MW-711A	10/17/2023	*7.9*	565	0.30 U	2.0 U	9,350	0.47 U	***734***	0.066 U	0.63 U	0.25 U	59 U	95,800	526	0.26	6.83	-239.0	7.03	5971.1	17.99	19.30
MW-711A-20231130	MW-711A	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.27	--	--	--	--	--

Table 1. October & November 2023 Groundwater Analytical Results Compared to the Groundwater SL, the PAL, and Tap Water Criteria

December 2023 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, Dissolved	Barium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Iron, Dissolved	Lead, Dissolved	Manganese, Dissolved	Mercury, Dissolved	Selenium, Dissolved	Silver, Dissolved	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*
113023004/113023005 (N)	MW-711B	11/30/2023	*8.2*	244	0.30 U	25.8	*19,800*	8.9	***722***	0.066 UJ	1.8 J	0.25 U	79 J	286,000 J	--	3.33	11.38	-51.7	7.20	1794.70	11.50	995.04
MW-711B-20231016	MW-711B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13.13	--	--	--	--	--
113023006	MW-712B	11/30/2023	*3.8*	45.4	0.30 U	2.0 U	2,450	0.47 U	***662***	0.066 UJ	1.4 J	0.25 U	59 U	1,020,000	--	--	12.00	--	--	--	--	--
MW-712B-20231016	MW-712B	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.11	--	--	--	--	--
113023003	MW-713A	11/30/2023	*1.2* J	61.7	0.30 U	2.0 U	499 J	0.47 U	154	0.066 UJ	0.68 J	0.25 U	68 J	623,000	--	3.94	4.49	189.9	7.70	2,721	13.07	516.20
MW-713A-20231016	MW-713A	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.36	--	--	--	--	--
SG01-20231016	SG01	10/16/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	--	--	--	--	--
SG01-20231130	SG01	11/30/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	--	--	--	--	--
Total Number of Samples Analyzed:			33	33	33	33	33	33	33	33	33	33	33	33	27	30	66	30	30	30	30	30
Number of Detections:			26	33	2	3	26	2	31	0	12	0	13	32	24	30	66	30	30	30	30	30
Min:			0.79	20.5	0.3	3	161	0.57	17.5	NA	0.68	NA	67	16,100	1.3	0.11	1.93	-364.6	6.38	158.37	11.5	0
Max:			11.3	832	0.32	25.8	22,100	8.9	2,680	NA	9.1	NA	1000	2,070,000	7,340	8.31	16.01	206.4	10.42	21,907	20.52	1,862
WI Groundwater SL:			10	2000	5	100	NS	15	300	2	50	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Number of Samples that Exceed WI Groundwater SL:			1	0	0	0	0	0	20	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
Number of Samples that Attain or Exceed WI Groundwater PAL:			23	4	0	2	26	1	29	0	0	0	0	24	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
Number of Samples that Exceed Tap Water RSL:			26	0	0	0	4	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0

[O:GKJ 2/7/24;C: EAG, 2/13/24]

Bold	exceeds the Groundwater SL
Underline	attains or exceeds the WI Groundwater PAL
Italic	exceeds the Tap Water RSL
Yellow Highlighting	analyte concentration exceedance in one or more samples

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, revisions of the RSLs have been published by EPA through November 2023. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

PAL from WI Administrative Code NR 140 groundwater quality standard revised effective July 2023.

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

Results & Flags:

-- = Analysis not performed
J = Estimated Concentration
U = Concentration was not detected above the reported limit

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.

Acronyms:

(N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
µS/cm = microsiemens per centimeter (micromhos per centimeter or µmhos/cm)
µg/L = micrograms per liter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
Deg C = degrees Celsius / Centigrade
EPA = Environmental Protection Agency
MGP = Manufactured Gas Plant
NA = Not Applicable
NO2 + NO3 = nitrite plus nitrate
NS = No Screening Level/No Standard
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
RSL = Regional Screening Level
SL = Screening Level
USEPA = United States Environmental Protection Agency
VOC = Petroleum Volatile Organic Compound
WI = Wisconsin

Table 2. October & November 2023 Groundwater Analytical Results Compared to VISLs

December 2023 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

			PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PVOC	PAH
9-digit Code	Sample Location	Sample Date	Benzene	Ethylbenzene	Toluene	Xylene, o	Xylenes, m + p	Xylenes, Total	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total	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:			**6.9**	**15**	**80,700**	**2,070**	**1,490**	**1,620**	**1,040**	**733**	**NS**	**20**
Groundwater VISL, Residential:			1.6	3.5	19,200	492	355	385	248	175	NS	4.6
101623001	MW-401AR	10/16/2023	**3,050**	**530**	111	69.6	78.8	148	59.6	6.3 J	65.9	**135**
101623002	MW-401BR	10/16/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.41 J
101723004	MW-402R	10/17/2023	**508**	**80.3**	17.7	20.2	29.5	49.7	20.7	1.6 J	22.3	**360**
101823031	MW-403R	10/18/2023	**1,240**	**82.1**	10.4	66.8	40.6	107	29.5	0.89 J	30.39	**1,200**
101823022/101823023 (N)	MW-404	10/18/2023	**13.0**	**117**	1.8	6.4	1.9 J	8.2	0.95 J	0.36 U	0.95	3.7
101823025	MW-405A	10/18/2023	**3,600**	**432**	193	263	423	685	265	25.9	290.9	**2,480**
101823024	MW-405B	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.10
101723015/101723016 (N)	MW-406R	10/17/2023	**11.9**	0.33 U	0.29 U	3.3	0.84 J	4.1	0.64 J	0.36 U	0.64	9.7 J
113023008	MW-406R	11/30/2023	0.86 J	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	--
101723007	MW-407	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.051 UJ
101723014	MW-408R	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.020 U
101723013	MW-409AR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.077 J
101723012	MW-409BR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.052 UJ
101723010/101723011 (N)	MW-410RR	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.049 UJ
113023007	MW-411ARR	11/30/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.38
101823030	MW-411BR	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.052 UJ
101723008	MW-412	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.050 UJ
101723009	MW-413	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.050 UJ
101823021	MW-414	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.26
101723019	MW-415A	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.049 UJ
101723018	MW-415B	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.064 J
101723017	MW-416	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.051 UJ
101723006	MW-417	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.058 J
101723005	MW-418	10/17/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.097 J
101823026	MW-700A	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.094 J
101823027	MW-700B	10/18/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.45 U	0.36 U	0.81 U	0.051 J
101823028	MW-706A	10/18/2023	**36.8**	0.61 J	1.3	0.86 J	0.96 J	1.8 J	0.45 U	0.36 U	0.81 U	12.7
101823029	MW-706B	10/18/2023	**649**	13.0	161	12.5	26.7	39.2	0.81 J	0.61 J	1.42	0.26
113023002	MW-706B	11/30/2023	**661**	6.8	44.6	29.8	37.3	67.1	6.3	3.8	10.1	1.1
113023001	MW-707B	11/30/2023	**780**	**137**	60.3	95.3	150	246	40.6	10.2	50.8	**1,390**
101723003	MW-711A	10/17/2023	**31,300**	**16,000**	8,980	**7,330**	**13,100**	**20,400**	**2,740**	**879**	3,619	**10,500**
113023004/113023005 (N)	MW-711B	11/30/2023	**601**	**107**	125	116	167	282	42.5	15.2	57.7	**607**
113023006	MW-712B	11/30/2023	**16,000**	**1,670**	5,660	1,570	**2,820**	**4,390**	628	192 J	820	**9,540**
113023003	MW-713A	11/30/2023	6.1	5.1	0.29 U	3.3	2.5	5.8	5.6	1.7	7.30	0.56

[O:GKJ 2/7/24;C: EAG, 2/13/2024]

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

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

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, revisions of the RSLs have been published by EPA through November 2023. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

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

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
EPA = Environmental Protection Agency
MGP = Manufactured Gas Plant
PAH = Polycyclic Aromatic Hydrocarbon
PVOC = Petroleum Volatile Organic Compound
RSL = Regional Screening Level
USEPA = United States Environmental Protection Agency
VISL = Vapor Intrusion Screening Level
WI = Wisconsin

ANALYTICAL LABORATORY REPORTS

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

November 28, 2023

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

RE: Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on October 19, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: ERIC BAUER, Ramboll
NRT Data, Ramboll
Abigail Small, Ramboll
Dan Vachon, Ramboll

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

CERTIFICATIONS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40269838001	**101623001**	Water	10/16/23 15:30	10/19/23 08:15
40269838002	**101623002**	Water	10/16/23 16:23	10/19/23 08:15
40269838003	**101723003**	Water	10/17/23 07:17	10/19/23 08:15
40269838004	**101723004**	Water	10/17/23 08:20	10/19/23 08:15
40269838005	**101723005**	Water	10/17/23 09:51	10/19/23 08:15
40269838006	**101723006**	Water	10/17/23 10:22	10/19/23 08:15
40269838007	**101723007**	Water	10/17/23 11:04	10/19/23 08:15
40269838008	**101723008**	Water	10/17/23 12:08	10/19/23 08:15
40269838009	**101723009**	Water	10/17/23 12:38	10/19/23 08:15
40269838010	**101723010**	Water	10/17/23 13:13	10/19/23 08:15
40269838011	**101723011**	Water	10/17/23 13:18	10/19/23 08:15
40269838012	**101723012**	Water	10/17/23 13:59	10/19/23 08:15
40269838013	**101723013**	Water	10/17/23 14:34	10/19/23 08:15
40269838014	**101723014**	Water	10/17/23 15:16	10/19/23 08:15
40269838015	**101723015**	Water	10/17/23 16:20	10/19/23 08:15
40269838016	**101723016**	Water	10/17/23 16:25	10/19/23 08:15
40269838017	**101723017**	Water	10/17/23 17:03	10/19/23 08:15
40269838018	**101723018**	Water	10/17/23 17:50	10/19/23 08:15
40269838019	**101723019**	Water	10/17/23 18:16	10/19/23 08:15
40269838020	**101823021**	Water	10/18/23 08:11	10/19/23 08:15
40269838021	**101823022**	Water	10/18/23 10:00	10/19/23 08:15
40269838022	**101823023**	Water	10/18/23 10:05	10/19/23 08:15
40269838023	**101823024**	Water	10/18/23 10:55	10/19/23 08:15
40269838024	**101823025**	Water	10/18/23 11:27	10/19/23 08:15
40269838025	**101823026**	Water	10/18/23 11:59	10/19/23 08:15
40269838026	**101823027**	Water	10/18/23 12:29	10/19/23 08:15
40269838027	**101823028**	Water	10/18/23 13:46	10/19/23 08:15
40269838028	**101823029**	Water	10/18/23 14:25	10/19/23 08:15
40269838029	**101823030**	Water	10/18/23 16:13	10/19/23 08:15
40269838030	**101823031**	Water	10/18/23 17:18	10/19/23 08:15
40269838031	**101923032**	Water	10/19/23 07:59	10/19/23 08:15
40269838032	**101923033**	Water	10/19/23 00:00	10/19/23 08:15
40269838033	**101923034**	Water	10/19/23 00:00	10/19/23 08:15
40269838034	**101923035**	Water	10/19/23 00:00	10/19/23 08:15

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40269838001	**101623001**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838002	**101623002**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838003	**101723003**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838004	**101723004**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838005	**101723005**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838006	**101723006**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838007	**101723007**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838008	**101723008**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838009	**101723009**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838010	**101723010**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838011	**101723011**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838012	**101723012**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838013	**101723013**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838014	**101723014**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838015	**101723015**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838016	**101723016**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 353.2	MT	1
40269838017	**101723017**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838018	**101723018**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838019	**101723019**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838020	**101823021**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838021	**101823022**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	CXJ	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838022	**101823023**	EPA 8015B Modified	KHB	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838023	**101823024**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838024	**101823025**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS, TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838025	**101823026**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838026	**101823027**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838027	**101823028**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838028	**101823029**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838029	**101823030**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838030	**101823031**	EPA 8015B Modified	KHB	1
		EPA 6020B	TXW	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838031	**101923032**	EPA 8015B Modified	KHB	1
		EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40269838032	**101923033**	EPA 8260	NB	11
40269838033	**101923034**	EPA 8260	NB	11
40269838034	**101923035**	EPA 8260	NB	11

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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.

H1: Analysis conducted outside the recognized method holding time.
- 101723012 (Lab ID: 40269838012)

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: 458799

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269725007

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 2634989)
  - Methane
- MSD (Lab ID: 2634990)
  - Methane

QC Batch: 458910

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269838007

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 2636110)
  - Methane
- MSD (Lab ID: 2636111)
  - Methane

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

QC Batch: 459016

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269838020

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

- MS (Lab ID: 2636441)
  - 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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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: 460473

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

- 101623001 (Lab ID: 40269838001)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
- 101623002 (Lab ID: 40269838002)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

Analyte Comments:

QC Batch: 460473

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

- 101623002 (Lab ID: 40269838002)
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723003 (Lab ID: 40269838003)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723004 (Lab ID: 40269838004)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
- 101723005 (Lab ID: 40269838005)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723006 (Lab ID: 40269838006)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723007 (Lab ID: 40269838007)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723008 (Lab ID: 40269838008)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723009 (Lab ID: 40269838009)
  - Silver, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

Analyte Comments:

QC Batch: 460473

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

- 101723009 (Lab ID: 40269838009)
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723010 (Lab ID: 40269838010)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723011 (Lab ID: 40269838011)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723012 (Lab ID: 40269838012)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723013 (Lab ID: 40269838013)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723014 (Lab ID: 40269838014)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723015 (Lab ID: 40269838015)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

Analyte Comments:

QC Batch: 460473

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

- 101723015 (Lab ID: 40269838015)
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723016 (Lab ID: 40269838016)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723017 (Lab ID: 40269838017)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723018 (Lab ID: 40269838018)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101723019 (Lab ID: 40269838019)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823022 (Lab ID: 40269838021)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

Analyte Comments:

QC Batch: 460479

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

- 101823021 (Lab ID: 40269838020)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823023 (Lab ID: 40269838022)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823024 (Lab ID: 40269838023)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823025 (Lab ID: 40269838024)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823026 (Lab ID: 40269838025)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823027 (Lab ID: 40269838026)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

Analyte Comments:

QC Batch: 460479

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

- 101823027 (Lab ID: 40269838026)
  - Selenium, Dissolved
- 101823028 (Lab ID: 40269838027)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Lead, Dissolved
- 101823029 (Lab ID: 40269838028)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823030 (Lab ID: 40269838029)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 101823031 (Lab ID: 40269838030)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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: 458137

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- 101723003 (Lab ID: 40269838003)
  - 2-Fluorobiphenyl (S)
  - Terphenyl-d14 (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.

QC Batch: 458379

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

- LCS (Lab ID: 2632548)
  - Anthracene

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

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

QC Batch: 458137

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269838007

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

- MSD (Lab ID: 2631068)
  - Naphthalene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2631068)
  - Naphthalene

QC Batch: 458379

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269957006

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

- MS (Lab ID: 2632549)
  - Benzo(a)anthracene
  - Benzo(b)fluoranthene
  - Benzo(g,h,i)perylene
  - Indeno(1,2,3-cd)pyrene
- MSD (Lab ID: 2632550)
  - Benzo(a)anthracene
  - Benzo(b)fluoranthene
  - Benzo(g,h,i)perylene
  - Indeno(1,2,3-cd)pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2632550)
  - Acenaphthene
  - Acenaphthylene
  - Fluorene

QC Batch: 458441

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269838020

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

- MSD (Lab ID: 2632781)
  - Naphthalene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2632781)
  - 1-Methylnaphthalene
  - 2-Methylnaphthalene
  - Acenaphthene
  - Acenaphthylene
  - Anthracene
  - Benzo(a)anthracene
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene
  - Benzo(g,h,i)perylene
  - Benzo(k)fluoranthene

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

QC Batch: 458441

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269838020

R1: RPD value was outside control limits.

- Chrysene
- Dibenz(a,h)anthracene
- Fluoranthene
- Fluorene
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

Additional Comments:

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
34 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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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: 458959

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40269764003,40269838004

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

- MS (Lab ID: 2636291)
  - Sulfate

Additional Comments:

Analyte Comments:

QC Batch: 458987

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

- 101723009 (Lab ID: 40269838009)
  - Sulfate

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: November 28, 2023

General Information:
31 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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101623001 **Lab ID: 40269838001** Collected: 10/16/23 15:30 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**257**	ug/L	7.0	1.4	2.5		10/27/23 15:24	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.2J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:03	7440-38-2	D3
Barium, Dissolved	**367**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:03	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:03	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 06:55	7440-47-3	D3
Iron, Dissolved	**2010**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 06:55	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:03	7439-92-1	D3
Manganese, Dissolved	**202**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 06:55	7439-96-5	
Selenium, Dissolved	**2.4**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:03	7782-49-2	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:03	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:16	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**19.8**	ug/L	0.95	0.26	20	10/20/23 13:22	10/23/23 20:44	83-32-9	
Acenaphthylene	**18.4**	ug/L	0.95	0.24	20	10/20/23 13:22	10/23/23 20:44	208-96-8	
Anthracene	**11.6**	ug/L	0.95	0.35	20	10/20/23 13:22	10/23/23 20:44	120-12-7	
Benzo(a)anthracene	**0.40J**	ug/L	0.95	0.26	20	10/20/23 13:22	10/23/23 20:44	56-55-3	
Benzo(a)pyrene	**<0.24**	ug/L	0.95	0.24	20	10/20/23 13:22	10/23/23 20:44	50-32-8	
Benzo(b)fluoranthene	**0.53J**	ug/L	0.95	0.17	20	10/20/23 13:22	10/23/23 20:44	205-99-2	
Benzo(g,h,i)perylene	**<0.44**	ug/L	0.95	0.44	20	10/20/23 13:22	10/23/23 20:44	191-24-2	
Benzo(k)fluoranthene	**<0.42**	ug/L	0.95	0.42	20	10/20/23 13:22	10/23/23 20:44	207-08-9	
Chrysene	**1.3**	ug/L	0.95	0.24	20	10/20/23 13:22	10/23/23 20:44	218-01-9	
Dibenz(a,h)anthracene	**<0.34**	ug/L	0.95	0.34	20	10/20/23 13:22	10/23/23 20:44	53-70-3	
Fluoranthene	**4.6**	ug/L	0.95	0.50	20	10/20/23 13:22	10/23/23 20:44	206-44-0	
Fluorene	**30.3**	ug/L	0.95	0.45	20	10/20/23 13:22	10/23/23 20:44	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.29**	ug/L	0.95	0.29	20	10/20/23 13:22	10/23/23 20:44	193-39-5	
1-Methylnaphthalene	**330**	ug/L	0.95	0.34	20	10/20/23 13:22	10/23/23 20:44	90-12-0	
2-Methylnaphthalene	**19.7**	ug/L	0.95	0.26	20	10/20/23 13:22	10/23/23 20:44	91-57-6	
Naphthalene	**135**	ug/L	0.95	0.38	20	10/20/23 13:22	10/23/23 20:44	91-20-3	
Phenanthrene	**36.8**	ug/L	0.95	0.49	20	10/20/23 13:22	10/23/23 20:44	85-01-8	
Pyrene	**5.2**	ug/L	0.95	0.43	20	10/20/23 13:22	10/23/23 20:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	100	%	38-120		20	10/20/23 13:22	10/23/23 20:44	321-60-8	
Terphenyl-d14 (S)	97	%	47-121		20	10/20/23 13:22	10/23/23 20:44	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**3050**	ug/L	40.0	11.8	40		10/30/23 13:58	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101623001 **Lab ID: 40269838001** Collected: 10/16/23 15:30 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**530**	ug/L	10.0	3.3	10		10/27/23 17:07	100-41-4	
Toluene	**111**	ug/L	10.0	2.9	10		10/27/23 17:07	108-88-3	
1,2,4-Trimethylbenzene	**59.6**	ug/L	10.0	4.5	10		10/27/23 17:07	95-63-6	
1,3,5-Trimethylbenzene	**6.3J**	ug/L	10.0	3.6	10		10/27/23 17:07	108-67-8	
Xylene (Total)	**148**	ug/L	30.0	10.5	10		10/27/23 17:07	1330-20-7	
m&p-Xylene	**78.8**	ug/L	20.0	7.0	10		10/27/23 17:07	179601-23-1	
o-Xylene	**69.6**	ug/L	10.0	3.5	10		10/27/23 17:07	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		10		10/27/23 17:07	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		10		10/27/23 17:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		10		10/27/23 17:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**417**	mg/L	40.0	8.9	20		11/02/23 22:01	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.11J**	mg/L	0.25	0.059	1		10/26/23 14:37		

Sample: 101623002 **Lab ID: 40269838002** Collected: 10/16/23 16:23 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**67.3**	ug/L	2.8	0.58	1		10/27/23 12:24	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.2J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:13	7440-38-2	D3
Barium, Dissolved	**41.1**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:13	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:13	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 09:13	7440-47-3	D3
Iron, Dissolved	**856**	ug/L	500	116	2	10/23/23 06:43	10/28/23 09:13	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:13	7439-92-1	D3
Manganese, Dissolved	**467**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 09:13	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:13	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:13	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:19	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101623002 **Lab ID: 40269838002** Collected: 10/16/23 16:23 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.053	0.015	1	10/20/23 13:22	10/23/23 18:53	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.053	0.013	1	10/20/23 13:22	10/23/23 18:53	208-96-8	
Anthracene	**<0.020**	ug/L	0.053	0.020	1	10/20/23 13:22	10/23/23 18:53	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.053	0.014	1	10/20/23 13:22	10/23/23 18:53	56-55-3	
Benzo(a)pyrene	**0.029J**	ug/L	0.053	0.013	1	10/20/23 13:22	10/23/23 18:53	50-32-8	
Benzo(b)fluoranthene	**0.10**	ug/L	0.053	0.0096	1	10/20/23 13:22	10/23/23 18:53	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	10/20/23 13:22	10/23/23 18:53	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.053	0.024	1	10/20/23 13:22	10/23/23 18:53	207-08-9	
Chrysene	**0.063**	ug/L	0.053	0.013	1	10/20/23 13:22	10/23/23 18:53	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	10/20/23 13:22	10/23/23 18:53	53-70-3	
Fluoranthene	**0.11**	ug/L	0.053	0.028	1	10/20/23 13:22	10/23/23 18:53	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	10/20/23 13:22	10/23/23 18:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.053	0.016	1	10/20/23 13:22	10/23/23 18:53	193-39-5	
1-Methylnaphthalene	**0.030J**	ug/L	0.053	0.019	1	10/20/23 13:22	10/23/23 18:53	90-12-0	
2-Methylnaphthalene	**0.027J**	ug/L	0.053	0.015	1	10/20/23 13:22	10/23/23 18:53	91-57-6	
Naphthalene	**0.41**	ug/L	0.053	0.021	1	10/20/23 13:22	10/23/23 18:53	91-20-3	
Phenanthrene	**0.055**	ug/L	0.053	0.027	1	10/20/23 13:22	10/23/23 18:53	85-01-8	
Pyrene	**0.10**	ug/L	0.053	0.024	1	10/20/23 13:22	10/23/23 18:53	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	38-120		1	10/20/23 13:22	10/23/23 18:53	321-60-8	
Terphenyl-d14 (S)	84	%	47-121		1	10/20/23 13:22	10/23/23 18:53	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 12:05	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 12:05	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 12:05	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 12:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 12:05	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 12:05	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 12:05	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 12:05	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 12:05	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/27/23 12:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 12:05	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1120**	mg/L	200	44.4	100		11/02/23 22:16	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		10/26/23 14:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723003 **Lab ID: 40269838003** Collected: 10/17/23 07:17 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**526**	ug/L	14.0	2.9	5		10/30/23 16:09	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**7.9**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:19	7440-38-2	
Barium, Dissolved	**565**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:19	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:19	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 09:19	7440-47-3	D3
Iron, Dissolved	**9350**	ug/L	500	116	2	10/23/23 06:43	10/28/23 09:19	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:19	7439-92-1	D3
Manganese, Dissolved	**734**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 09:19	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:19	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:19	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:21	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**75.9**	ug/L	52.1	14.5	1000	10/20/23 13:22	10/24/23 20:46	83-32-9	
Acenaphthylene	**128**	ug/L	52.1	13.1	1000	10/20/23 13:22	10/24/23 20:46	208-96-8	
Anthracene	**35.9J**	ug/L	52.1	19.3	1000	10/20/23 13:22	10/24/23 20:46	120-12-7	
Benzo(a)anthracene	**<14.2**	ug/L	52.1	14.2	1000	10/20/23 13:22	10/24/23 20:46	56-55-3	
Benzo(a)pyrene	**<13.2**	ug/L	52.1	13.2	1000	10/20/23 13:22	10/24/23 20:46	50-32-8	
Benzo(b)fluoranthene	**<9.5**	ug/L	52.1	9.5	1000	10/20/23 13:22	10/24/23 20:46	205-99-2	
Benzo(g,h,i)perylene	**<24.3**	ug/L	52.1	24.3	1000	10/20/23 13:22	10/24/23 20:46	191-24-2	
Benzo(k)fluoranthene	**<23.3**	ug/L	52.1	23.3	1000	10/20/23 13:22	10/24/23 20:46	207-08-9	
Chrysene	**<13.1**	ug/L	52.1	13.1	1000	10/20/23 13:22	10/24/23 20:46	218-01-9	
Dibenz(a,h)anthracene	**<18.6**	ug/L	52.1	18.6	1000	10/20/23 13:22	10/24/23 20:46	53-70-3	
Fluoranthene	**<27.2**	ug/L	52.1	27.2	1000	10/20/23 13:22	10/24/23 20:46	206-44-0	
Fluorene	**47.6J**	ug/L	52.1	24.5	1000	10/20/23 13:22	10/24/23 20:46	86-73-7	
Indeno(1,2,3-cd)pyrene	**<16.2**	ug/L	52.1	16.2	1000	10/20/23 13:22	10/24/23 20:46	193-39-5	
1-Methylnaphthalene	**343**	ug/L	52.1	18.7	1000	10/20/23 13:22	10/24/23 20:46	90-12-0	
2-Methylnaphthalene	**511**	ug/L	52.1	14.4	1000	10/20/23 13:22	10/24/23 20:46	91-57-6	
Naphthalene	**10500**	ug/L	52.1	20.8	1000	10/20/23 13:22	10/24/23 20:46	91-20-3	
Phenanthrene	**41.4J**	ug/L	52.1	26.7	1000	10/20/23 13:22	10/24/23 20:46	85-01-8	
Pyrene	**<23.6**	ug/L	52.1	23.6	1000	10/20/23 13:22	10/24/23 20:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	536	%	38-120		1000	10/20/23 13:22	10/24/23 20:46	321-60-8	S4
Terphenyl-d14 (S)	398	%	47-121		1000	10/20/23 13:22	10/24/23 20:46	1718-51-0	S4
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**31300**	ug/L	400	118	400		10/27/23 15:21	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723003 **Lab ID: 40269838003** Collected: 10/17/23 07:17 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**16000**	ug/L	400	130	400		10/27/23 15:21	100-41-4	
Toluene	**8980**	ug/L	400	115	400		10/27/23 15:21	108-88-3	
1,2,4-Trimethylbenzene	**2740**	ug/L	400	179	400		10/27/23 15:21	95-63-6	
1,3,5-Trimethylbenzene	**879**	ug/L	400	143	400		10/27/23 15:21	108-67-8	
Xylene (Total)	**20400**	ug/L	1200	419	400		10/27/23 15:21	1330-20-7	
m&p-Xylene	**13100**	ug/L	800	280	400		10/27/23 15:21	179601-23-1	
o-Xylene	**7330**	ug/L	400	139	400		10/27/23 15:21	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		400		10/27/23 15:21	2037-26-5	
4-Bromofluorobenzene (S)	80	%	70-130		400		10/27/23 15:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		400		10/27/23 15:21	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**95.8**	mg/L	10.0	2.2	5		11/01/23 23:43	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		10/26/23 14:42		

Sample: 101723004 **Lab ID: 40269838004** Collected: 10/17/23 08:20 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**217**	ug/L	2.8	0.58	1		10/30/23 13:59	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.3**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:34	7440-38-2	
Barium, Dissolved	**561**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:34	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:34	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 07:24	7440-47-3	D3
Iron, Dissolved	**3010**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 07:24	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:34	7439-92-1	D3
Manganese, Dissolved	**222**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 07:24	7439-96-5	
Selenium, Dissolved	**5.0**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:34	7782-49-2	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:34	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:23	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723004 **Lab ID: 40269838004** Collected: 10/17/23 08:20 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**56.2**	ug/L	1.0	0.29	20	10/20/23 13:22	10/23/23 21:21	83-32-9	
Acenaphthylene	**3.4**	ug/L	1.0	0.26	20	10/20/23 13:22	10/23/23 21:21	208-96-8	
Anthracene	**8.6**	ug/L	1.0	0.39	20	10/20/23 13:22	10/23/23 21:21	120-12-7	
Benzo(a)anthracene	**<0.28**	ug/L	1.0	0.28	20	10/20/23 13:22	10/23/23 21:21	56-55-3	
Benzo(a)pyrene	**<0.26**	ug/L	1.0	0.26	20	10/20/23 13:22	10/23/23 21:21	50-32-8	
Benzo(b)fluoranthene	**0.24J**	ug/L	1.0	0.19	20	10/20/23 13:22	10/23/23 21:21	205-99-2	
Benzo(g,h,i)perylene	**<0.49**	ug/L	1.0	0.49	20	10/20/23 13:22	10/23/23 21:21	191-24-2	
Benzo(k)fluoranthene	**<0.47**	ug/L	1.0	0.47	20	10/20/23 13:22	10/23/23 21:21	207-08-9	
Chrysene	**0.28J**	ug/L	1.0	0.26	20	10/20/23 13:22	10/23/23 21:21	218-01-9	
Dibenz(a,h)anthracene	**<0.37**	ug/L	1.0	0.37	20	10/20/23 13:22	10/23/23 21:21	53-70-3	
Fluoranthene	**2.7**	ug/L	1.0	0.54	20	10/20/23 13:22	10/23/23 21:21	206-44-0	
Fluorene	**34.9**	ug/L	1.0	0.49	20	10/20/23 13:22	10/23/23 21:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.32**	ug/L	1.0	0.32	20	10/20/23 13:22	10/23/23 21:21	193-39-5	
1-Methylnaphthalene	**216**	ug/L	1.0	0.37	20	10/20/23 13:22	10/23/23 21:21	90-12-0	
2-Methylnaphthalene	**22.4**	ug/L	1.0	0.29	20	10/20/23 13:22	10/23/23 21:21	91-57-6	
Naphthalene	**360**	ug/L	1.0	0.42	20	10/20/23 13:22	10/23/23 21:21	91-20-3	
Phenanthrene	**37.6**	ug/L	1.0	0.53	20	10/20/23 13:22	10/23/23 21:21	85-01-8	
Pyrene	**2.6**	ug/L	1.0	0.47	20	10/20/23 13:22	10/23/23 21:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	107	%	38-120		20	10/20/23 13:22	10/23/23 21:21	321-60-8	
Terphenyl-d14 (S)	97	%	47-121		20	10/20/23 13:22	10/23/23 21:21	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**508**	ug/L	4.0	1.2	4		10/27/23 17:26	71-43-2	
Ethylbenzene	**80.3**	ug/L	4.0	1.3	4		10/27/23 17:26	100-41-4	
Toluene	**17.7**	ug/L	4.0	1.2	4		10/27/23 17:26	108-88-3	
1,2,4-Trimethylbenzene	**20.7**	ug/L	4.0	1.8	4		10/27/23 17:26	95-63-6	
1,3,5-Trimethylbenzene	**1.6J**	ug/L	4.0	1.4	4		10/27/23 17:26	108-67-8	
Xylene (Total)	**49.7**	ug/L	12.0	4.2	4		10/27/23 17:26	1330-20-7	
m&p-Xylene	**29.5**	ug/L	8.0	2.8	4		10/27/23 17:26	179601-23-1	
o-Xylene	**20.2**	ug/L	4.0	1.4	4		10/27/23 17:26	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		4		10/27/23 17:26	2037-26-5	
4-Bromofluorobenzene (S)	83	%	70-130		4		10/27/23 17:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		4		10/27/23 17:26	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**62.5**	mg/L	10.0	2.2	5		11/02/23 00:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.30**	mg/L	0.25	0.059	1		10/26/23 14:43		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723005 **Lab ID: 40269838005** Collected: 10/17/23 09:51 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**<0.58**	ug/L	2.8	0.58	1		10/30/23 14:06	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:36	7440-38-2	D3
Barium, Dissolved	**277**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:36	7440-39-3	
Cadmium, Dissolved	**0.32J**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:36	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 11:36	7440-47-3	D3
Iron, Dissolved	**161J**	ug/L	500	116	2	10/23/23 06:43	10/28/23 11:36	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:36	7439-92-1	D3
Manganese, Dissolved	**289**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 11:36	7439-96-5	
Selenium, Dissolved	**1.8J**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:36	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:36	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:25	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	0.050	0.014	1	10/20/23 13:22	10/23/23 19:11	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:11	208-96-8	
Anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:11	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 19:11	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:11	50-32-8	
Benzo(b)fluoranthene	**<0.0091**	ug/L	0.050	0.0091	1	10/20/23 13:22	10/23/23 19:11	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 19:11	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 19:11	207-08-9	
Chrysene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:11	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:11	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	10/20/23 13:22	10/23/23 19:11	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 19:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/20/23 13:22	10/23/23 19:11	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:11	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 19:11	91-57-6	
Naphthalene	**0.097**	ug/L	0.050	0.020	1	10/20/23 13:22	10/23/23 19:11	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.050	0.025	1	10/20/23 13:22	10/23/23 19:11	85-01-8	
Pyrene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 19:11	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	38-120		1	10/20/23 13:22	10/23/23 19:11	321-60-8	
Terphenyl-d14 (S)	80	%	47-121		1	10/20/23 13:22	10/23/23 19:11	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		10/27/23 12:25	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723005 **Lab ID: 40269838005** Collected: 10/17/23 09:51 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 12:25	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 12:25	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 12:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 12:25	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 12:25	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 12:25	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 12:25	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/27/23 12:25	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		10/27/23 12:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/27/23 12:25	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**135**	mg/L	10.0	2.2	5		11/01/23 14:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.0**	mg/L	0.25	0.059	1		10/26/23 14:43		

Sample: 101723006 **Lab ID: 40269838006** Collected: 10/17/23 10:22 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**488**	ug/L	7.0	1.4	2.5		10/30/23 16:16	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.1**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:44	7440-38-2	
Barium, Dissolved	**424**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:44	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:44	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 07:32	7440-47-3	D3
Iron, Dissolved	**8220**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 07:32	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:44	7439-92-1	D3
Manganese, Dissolved	**584**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 07:32	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:44	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:44	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:28	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723006 **Lab ID: 40269838006** Collected: 10/17/23 10:22 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/23/23 19:30	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 19:30	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	10/20/23 13:22	10/23/23 19:30	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/23/23 19:30	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 19:30	50-32-8	
Benzo(b)fluoranthene	**<0.0094**	ug/L	0.051	0.0094	1	10/20/23 13:22	10/23/23 19:30	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/23/23 19:30	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/23/23 19:30	207-08-9	
Chrysene	**0.014J**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 19:30	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/23/23 19:30	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.051	0.027	1	10/20/23 13:22	10/23/23 19:30	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/23/23 19:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/20/23 13:22	10/23/23 19:30	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/23/23 19:30	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/23/23 19:30	91-57-6	
Naphthalene	**0.058**	ug/L	0.051	0.020	1	10/20/23 13:22	10/23/23 19:30	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	10/20/23 13:22	10/23/23 19:30	85-01-8	
Pyrene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/23/23 19:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	38-120		1	10/20/23 13:22	10/23/23 19:30	321-60-8	
Terphenyl-d14 (S)	89	%	47-121		1	10/20/23 13:22	10/23/23 19:30	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		10/27/23 12:44	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 12:44	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 12:44	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 12:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 12:44	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 12:44	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 12:44	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 12:44	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 12:44	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/27/23 12:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 12:44	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**86.7**	mg/L	10.0	2.2	5		11/01/23 10:48	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		10/26/23 14:44		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723007 **Lab ID: 40269838007** Collected: 10/17/23 11:04 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**732**	ug/L	14.0	2.9	5		10/30/23 16:23	74-82-8	M1
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**4.0**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 08:42	7440-38-2	
Barium, Dissolved	**247**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 08:42	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 08:42	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 08:42	7440-47-3	D3
Iron, Dissolved	**12600**	ug/L	500	116	2	10/23/23 06:43	10/28/23 08:42	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 08:42	7439-92-1	D3
Manganese, Dissolved	**505**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 08:42	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 08:42	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 08:42	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:09	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	0.051	0.014	1	10/20/23 13:22	10/23/23 18:34	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 18:34	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	10/20/23 13:22	10/23/23 18:34	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/23/23 18:34	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 18:34	50-32-8	
Benzo(b)fluoranthene	**<0.0093**	ug/L	0.051	0.0093	1	10/20/23 13:22	10/23/23 18:34	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/23/23 18:34	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/23/23 18:34	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/23/23 18:34	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/23/23 18:34	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.051	0.027	1	10/20/23 13:22	10/23/23 18:34	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/23/23 18:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/20/23 13:22	10/23/23 18:34	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/23/23 18:34	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/23/23 18:34	91-57-6	
Naphthalene	**0.033J**	ug/L	0.051	0.020	1	10/20/23 13:22	10/23/23 18:34	91-20-3	M1,R1
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	10/20/23 13:22	10/23/23 18:34	85-01-8	
Pyrene	**0.027J**	ug/L	0.051	0.023	1	10/20/23 13:22	10/23/23 18:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	83	%	38-120		1	10/20/23 13:22	10/23/23 18:34	321-60-8	
Terphenyl-d14 (S)	92	%	47-121		1	10/20/23 13:22	10/23/23 18:34	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		10/27/23 10:07	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723007 **Lab ID: 40269838007** Collected: 10/17/23 11:04 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 10:07	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 10:07	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 10:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 10:07	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 10:07	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 10:07	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 10:07	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		10/27/23 10:07	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/27/23 10:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 10:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**54.8**	mg/L	10.0	2.2	5		11/01/23 11:03	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		10/26/23 14:47		

Sample: 101723008 **Lab ID: 40269838008** Collected: 10/17/23 12:08 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**1940**	ug/L	28.0	5.8	10		10/30/23 16:30	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**3.2**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:50	7440-38-2	
Barium, Dissolved	**302**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:50	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:50	7440-43-9	D3
Chromium, Dissolved	**3.0J**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 09:50	7440-47-3	D3
Iron, Dissolved	**21500**	ug/L	500	116	2	10/23/23 06:43	10/28/23 09:50	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:50	7439-92-1	D3
Manganese, Dissolved	**880**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 09:50	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:50	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:50	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:35	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723008 **Lab ID: 40269838008** Collected: 10/17/23 12:08 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 19:49	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:49	208-96-8	
Anthracene	**0.030J**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:49	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 19:49	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:49	50-32-8	
Benzo(b)fluoranthene	**<0.0090**	ug/L	0.050	0.0090	1	10/20/23 13:22	10/23/23 19:49	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 19:49	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 19:49	207-08-9	
Chrysene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 19:49	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:49	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	10/20/23 13:22	10/23/23 19:49	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 19:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/20/23 13:22	10/23/23 19:49	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 19:49	90-12-0	
2-Methylnaphthalene	**0.027J**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 19:49	91-57-6	
Naphthalene	**0.040J**	ug/L	0.050	0.020	1	10/20/23 13:22	10/23/23 19:49	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.050	0.025	1	10/20/23 13:22	10/23/23 19:49	85-01-8	
Pyrene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 19:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	83	%	38-120		1	10/20/23 13:22	10/23/23 19:49	321-60-8	
Terphenyl-d14 (S)	92	%	47-121		1	10/20/23 13:22	10/23/23 19:49	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		10/27/23 10:27	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 10:27	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 10:27	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 10:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 10:27	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 10:27	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 10:27	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 10:27	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/27/23 10:27	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 10:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 10:27	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**27.3**	mg/L	10.0	2.2	5		11/01/23 11:46	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		10/26/23 14:49		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723009 **Lab ID: 40269838009** Collected: 10/17/23 12:38 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**7340**	ug/L	140	28.8	50		10/30/23 16:37	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 09:55	7440-38-2	D3
Barium, Dissolved	**235**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 09:55	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 09:55	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 09:55	7440-47-3	D3
Iron, Dissolved	**22100**	ug/L	500	116	2	10/23/23 06:43	10/28/23 09:55	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 09:55	7439-92-1	D3
Manganese, Dissolved	**424**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 09:55	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 09:55	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 09:55	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:37	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.023J**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 20:07	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 20:07	208-96-8	
Anthracene	**0.050J**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 20:07	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 20:07	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 20:07	50-32-8	
Benzo(b)fluoranthene	**<0.0091**	ug/L	0.050	0.0091	1	10/20/23 13:22	10/23/23 20:07	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 20:07	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 20:07	207-08-9	
Chrysene	**0.053**	ug/L	0.050	0.013	1	10/20/23 13:22	10/23/23 20:07	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 20:07	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	10/20/23 13:22	10/23/23 20:07	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/23/23 20:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/20/23 13:22	10/23/23 20:07	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/23/23 20:07	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/23/23 20:07	91-57-6	
Naphthalene	**0.044J**	ug/L	0.050	0.020	1	10/20/23 13:22	10/23/23 20:07	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.050	0.025	1	10/20/23 13:22	10/23/23 20:07	85-01-8	
Pyrene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/23/23 20:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	38-120		1	10/20/23 13:22	10/23/23 20:07	321-60-8	
Terphenyl-d14 (S)	81	%	47-121		1	10/20/23 13:22	10/23/23 20:07	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 10:46	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723009 **Lab ID: 40269838009** Collected: 10/17/23 12:38 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 10:46	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 10:46	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 10:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 10:46	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 10:46	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 10:46	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 10:46	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/27/23 10:46	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/27/23 10:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 10:46	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**<2.2**	mg/L	10.0	2.2	5		11/01/23 12:00	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		10/26/23 14:50		

Sample: 101723010 **Lab ID: 40269838010** Collected: 10/17/23 13:13 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**997**	ug/L	14.0	2.9	5		10/30/23 16:44	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**3.8**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:00	7440-38-2	
Barium, Dissolved	**217**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:00	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:00	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 10:00	7440-47-3	D3
Iron, Dissolved	**7980**	ug/L	500	116	2	10/23/23 06:43	10/28/23 10:00	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:00	7439-92-1	D3
Manganese, Dissolved	**2580**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 10:00	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:00	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:00	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:39	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723010 **Lab ID: 40269838010** Collected: 10/17/23 13:13 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.049	0.014	1	10/20/23 13:22	10/23/23 20:26	83-32-9	
Acenaphthylene	**0.054**	ug/L	0.049	0.012	1	10/20/23 13:22	10/23/23 20:26	208-96-8	
Anthracene	**0.063**	ug/L	0.049	0.018	1	10/20/23 13:22	10/23/23 20:26	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.049	0.013	1	10/20/23 13:22	10/23/23 20:26	56-55-3	
Benzo(a)pyrene	**<0.012**	ug/L	0.049	0.012	1	10/20/23 13:22	10/23/23 20:26	50-32-8	
Benzo(b)fluoranthene	**<0.0089**	ug/L	0.049	0.0089	1	10/20/23 13:22	10/23/23 20:26	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.049	0.023	1	10/20/23 13:22	10/23/23 20:26	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.049	0.022	1	10/20/23 13:22	10/23/23 20:26	207-08-9	
Chrysene	**0.021J**	ug/L	0.049	0.012	1	10/20/23 13:22	10/23/23 20:26	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.049	0.017	1	10/20/23 13:22	10/23/23 20:26	53-70-3	
Fluoranthene	**0.035J**	ug/L	0.049	0.026	1	10/20/23 13:22	10/23/23 20:26	206-44-0	
Fluorene	**<0.023**	ug/L	0.049	0.023	1	10/20/23 13:22	10/23/23 20:26	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.049	0.015	1	10/20/23 13:22	10/23/23 20:26	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.049	0.018	1	10/20/23 13:22	10/23/23 20:26	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.049	0.014	1	10/20/23 13:22	10/23/23 20:26	91-57-6	
Naphthalene	**0.027J**	ug/L	0.049	0.020	1	10/20/23 13:22	10/23/23 20:26	91-20-3	
Phenanthrene	**0.041J**	ug/L	0.049	0.025	1	10/20/23 13:22	10/23/23 20:26	85-01-8	
Pyrene	**0.033J**	ug/L	0.049	0.022	1	10/20/23 13:22	10/23/23 20:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	38-120		1	10/20/23 13:22	10/23/23 20:26	321-60-8	
Terphenyl-d14 (S)	87	%	47-121		1	10/20/23 13:22	10/23/23 20:26	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:06	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:06	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:06	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:06	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 11:06	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 11:06	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:06	95-47-6	
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		10/27/23 11:06	2037-26-5	HS
4-Bromofluorobenzene (S)	87	%	70-130		1		10/27/23 11:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 11:06	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**421**	mg/L	40.0	8.9	20		11/02/23 20:52	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		10/26/23 14:51		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723011 **Lab ID: 40269838011** Collected: 10/17/23 13:18 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**1250**	ug/L	14.0	2.9	5		10/30/23 17:01	74-82-8	HS
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**3.9**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:05	7440-38-2	
Barium, Dissolved	**222**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:05	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:05	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 10:05	7440-47-3	D3
Iron, Dissolved	**8500**	ug/L	500	116	2	10/23/23 06:43	10/28/23 10:05	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:05	7439-92-1	D3
Manganese, Dissolved	**2680**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 10:05	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:05	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:05	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:42	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	10/20/23 13:22	10/24/23 11:56	83-32-9	
Acenaphthylene	**0.059**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 11:56	208-96-8	
Anthracene	**0.046J**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 11:56	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 11:56	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 11:56	50-32-8	
Benzo(b)fluoranthene	**<0.0094**	ug/L	0.052	0.0094	1	10/20/23 13:22	10/24/23 11:56	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 11:56	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	10/20/23 13:22	10/24/23 11:56	207-08-9	
Chrysene	**<0.013**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 11:56	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.052	0.018	1	10/20/23 13:22	10/24/23 11:56	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.052	0.027	1	10/20/23 13:22	10/24/23 11:56	206-44-0	
Fluorene	**0.024J**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 11:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	10/20/23 13:22	10/24/23 11:56	193-39-5	
1-Methylnaphthalene	**0.020J**	ug/L	0.052	0.018	1	10/20/23 13:22	10/24/23 11:56	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 11:56	91-57-6	
Naphthalene	**0.024J**	ug/L	0.052	0.021	1	10/20/23 13:22	10/24/23 11:56	91-20-3	
Phenanthrene	**0.033J**	ug/L	0.052	0.026	1	10/20/23 13:22	10/24/23 11:56	85-01-8	
Pyrene	**<0.023**	ug/L	0.052	0.023	1	10/20/23 13:22	10/24/23 11:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	38-120		1	10/20/23 13:22	10/24/23 11:56	321-60-8	
Terphenyl-d14 (S)	83	%	47-121		1	10/20/23 13:22	10/24/23 11:56	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:26	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723011 **Lab ID: 40269838011** Collected: 10/17/23 13:18 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:26	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:26	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:26	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 11:26	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 11:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:26	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/27/23 11:26	2037-26-5	HS
4-Bromofluorobenzene (S)	87	%	70-130		1		10/27/23 11:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 11:26	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**400**	mg/L	40.0	8.9	20		11/02/23 21:06	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		10/26/23 14:52		

Sample: 101723012 **Lab ID: 40269838012** Collected: 10/17/23 13:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**1.3J**	ug/L	2.8	0.58	1		11/01/23 18:20	74-82-8	H1
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:10	7440-38-2	D3
Barium, Dissolved	**30.8**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:10	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:10	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 10:10	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/23/23 06:43	10/28/23 10:10	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:10	7439-92-1	D3
Manganese, Dissolved	**61.6**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 10:10	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:10	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:10	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:44	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723012 **Lab ID: 40269838012** Collected: 10/17/23 13:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 18:00	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 18:00	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 18:00	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 18:00	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 18:00	50-32-8	
Benzo(b)fluoranthene	**<0.0094**	ug/L	0.052	0.0094	1	10/20/23 13:22	10/24/23 18:00	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 18:00	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	10/20/23 13:22	10/24/23 18:00	207-08-9	
Chrysene	**0.022J**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 18:00	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.052	0.018	1	10/20/23 13:22	10/24/23 18:00	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.052	0.027	1	10/20/23 13:22	10/24/23 18:00	206-44-0	
Fluorene	**<0.024**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 18:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	10/20/23 13:22	10/24/23 18:00	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 18:00	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 18:00	91-57-6	
Naphthalene	**0.022J**	ug/L	0.052	0.021	1	10/20/23 13:22	10/24/23 18:00	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.052	0.027	1	10/20/23 13:22	10/24/23 18:00	85-01-8	
Pyrene	**0.027J**	ug/L	0.052	0.023	1	10/20/23 13:22	10/24/23 18:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	38-120		1	10/20/23 13:22	10/24/23 18:00	321-60-8	
Terphenyl-d14 (S)	83	%	47-121		1	10/20/23 13:22	10/24/23 18:00	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 13:04	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 13:04	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 13:04	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 13:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 13:04	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 13:04	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 13:04	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 13:04	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 13:04	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/27/23 13:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/27/23 13:04	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**126**	mg/L	10.0	2.2	5		11/01/23 13:26	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.29**	mg/L	0.25	0.059	1		10/26/23 14:52		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723013 **Lab ID: 40269838013** Collected: 10/17/23 14:34 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**87.8**	ug/L	2.8	0.58	1		10/30/23 15:02	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.3J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:15	7440-38-2	D3
Barium, Dissolved	**131**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:15	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:15	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 07:39	7440-47-3	D3
Iron, Dissolved	**3560**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 07:39	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:15	7439-92-1	D3
Manganese, Dissolved	**1390**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 07:39	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:15	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:15	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:46	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	0.050	0.014	1	10/20/23 13:22	10/24/23 12:31	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/24/23 12:31	208-96-8	
Anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/24/23 12:31	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	10/20/23 13:22	10/24/23 12:31	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/24/23 12:31	50-32-8	
Benzo(b)fluoranthene	**<0.0091**	ug/L	0.050	0.0091	1	10/20/23 13:22	10/24/23 12:31	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/24/23 12:31	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/20/23 13:22	10/24/23 12:31	207-08-9	
Chrysene	**<0.013**	ug/L	0.050	0.013	1	10/20/23 13:22	10/24/23 12:31	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/24/23 12:31	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	10/20/23 13:22	10/24/23 12:31	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/24/23 12:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/20/23 13:22	10/24/23 12:31	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	10/20/23 13:22	10/24/23 12:31	90-12-0	
2-Methylnaphthalene	**0.015J**	ug/L	0.050	0.014	1	10/20/23 13:22	10/24/23 12:31	91-57-6	
Naphthalene	**0.077**	ug/L	0.050	0.020	1	10/20/23 13:22	10/24/23 12:31	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.050	0.026	1	10/20/23 13:22	10/24/23 12:31	85-01-8	
Pyrene	**<0.023**	ug/L	0.050	0.023	1	10/20/23 13:22	10/24/23 12:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%	38-120		1	10/20/23 13:22	10/24/23 12:31	321-60-8	
Terphenyl-d14 (S)	83	%	47-121		1	10/20/23 13:22	10/24/23 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		10/27/23 13:24	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723013 **Lab ID: 40269838013** Collected: 10/17/23 14:34 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 13:24	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 13:24	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 13:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 13:24	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 13:24	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 13:24	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 13:24	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 13:24	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/27/23 13:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/27/23 13:24	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**569**	mg/L	40.0	8.9	20		11/02/23 21:21	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		10/26/23 14:53		

Sample: 101723014 **Lab ID: 40269838014** Collected: 10/17/23 15:16 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**174**	ug/L	2.8	0.58	1		10/31/23 11:18	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.4**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:21	7440-38-2	
Barium, Dissolved	**295**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:21	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:21	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 07:46	7440-47-3	D3
Iron, Dissolved	**15700**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 07:46	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:21	7439-92-1	D3
Manganese, Dissolved	**2460**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 07:46	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:21	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:21	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 07:49	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723014 **Lab ID: 40269838014** Collected: 10/17/23 15:16 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 18:18	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 18:18	208-96-8	
Anthracene	**0.072**	ug/L	0.051	0.019	1	10/20/23 13:22	10/24/23 18:18	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 18:18	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 18:18	50-32-8	
Benzo(b)fluoranthene	**<0.0092**	ug/L	0.051	0.0092	1	10/20/23 13:22	10/24/23 18:18	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 18:18	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 18:18	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 18:18	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 18:18	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.051	0.027	1	10/20/23 13:22	10/24/23 18:18	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 18:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/20/23 13:22	10/24/23 18:18	193-39-5	
1-Methylnaphthalene	**0.023J**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 18:18	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 18:18	91-57-6	
Naphthalene	**<0.020**	ug/L	0.051	0.020	1	10/20/23 13:22	10/24/23 18:18	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	10/20/23 13:22	10/24/23 18:18	85-01-8	
Pyrene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 18:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	38-120		1	10/20/23 13:22	10/24/23 18:18	321-60-8	
Terphenyl-d14 (S)	81	%	47-121		1	10/20/23 13:22	10/24/23 18:18	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:45	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:45	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:45	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:45	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 11:45	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 11:45	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:45	95-47-6	
Surrogates									
Toluene-d8 (S)	93	%	70-130		1		10/27/23 11:45	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/27/23 11:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 11:45	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**122**	mg/L	40.0	8.9	20		11/02/23 21:35	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		10/26/23 14:54		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723015 **Lab ID: 40269838015** Collected: 10/17/23 16:20 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**18.9**	ug/L	2.8	0.58	1		10/31/23 11:25	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.1J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:41	7440-38-2	D3
Barium, Dissolved	**151**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:41	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:41	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 07:54	7440-47-3	D3
Iron, Dissolved	**349J**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 07:54	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:41	7439-92-1	D3
Manganese, Dissolved	**664**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 07:54	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:41	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:41	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:21	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.18**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 13:07	83-32-9	
Acenaphthylene	**0.31**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:07	208-96-8	
Anthracene	**0.021J**	ug/L	0.051	0.019	1	10/20/23 13:22	10/24/23 13:07	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 13:07	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:07	50-32-8	
Benzo(b)fluoranthene	**<0.0092**	ug/L	0.051	0.0092	1	10/20/23 13:22	10/24/23 13:07	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 13:07	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 13:07	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:07	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 13:07	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.051	0.026	1	10/20/23 13:22	10/24/23 13:07	206-44-0	
Fluorene	**0.043J**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 13:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/20/23 13:22	10/24/23 13:07	193-39-5	
1-Methylnaphthalene	**0.55**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 13:07	90-12-0	
2-Methylnaphthalene	**0.14**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 13:07	91-57-6	
Naphthalene	**9.7**	ug/L	0.051	0.020	1	10/20/23 13:22	10/24/23 13:07	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	10/20/23 13:22	10/24/23 13:07	85-01-8	
Pyrene	**<0.023**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 13:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	38-120		1	10/20/23 13:22	10/24/23 13:07	321-60-8	
Terphenyl-d14 (S)	79	%	47-121		1	10/20/23 13:22	10/24/23 13:07	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**11.9**	ug/L	1.0	0.30	1		10/27/23 13:43	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723015 **Lab ID: 40269838015** Collected: 10/17/23 16:20 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 13:43	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 13:43	108-88-3	
1,2,4-Trimethylbenzene	**0.64J**	ug/L	1.0	0.45	1		10/27/23 13:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 13:43	108-67-8	
Xylene (Total)	**4.1**	ug/L	3.0	1.0	1		10/27/23 13:43	1330-20-7	
m&p-Xylene	**0.84J**	ug/L	2.0	0.70	1		10/27/23 13:43	179601-23-1	
o-Xylene	**3.3**	ug/L	1.0	0.35	1		10/27/23 13:43	95-47-6	
Surrogates									
Toluene-d8 (S)	93	%	70-130		1		10/27/23 13:43	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/27/23 13:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 13:43	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**303**	mg/L	100	22.2	50		11/03/23 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	**0.067J**	mg/L	0.25	0.059	1		10/26/23 14:57		

Sample: 101723016 **Lab ID: 40269838016** Collected: 10/17/23 16:25 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**18.5**	ug/L	2.8	0.58	1		10/31/23 11:32	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.1J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 10:41	7440-38-2	D3
Barium, Dissolved	**149**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 10:41	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 10:41	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 08:16	7440-47-3	D3
Iron, Dissolved	**362J**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 08:16	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 10:41	7439-92-1	D3
Manganese, Dissolved	**702**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 08:16	7439-96-5	
Selenium, Dissolved	**0.72J**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 10:41	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 10:41	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:23	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723016 **Lab ID: 40269838016** Collected: 10/17/23 16:25 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**0.18**	ug/L	0.054	0.015	1	10/20/23 13:22	10/24/23 13:25	83-32-9	
Acenaphthylene	**0.28**	ug/L	0.054	0.014	1	10/20/23 13:22	10/24/23 13:25	208-96-8	
Anthracene	**<0.020**	ug/L	0.054	0.020	1	10/20/23 13:22	10/24/23 13:25	120-12-7	
Benzo(a)anthracene	**<0.015**	ug/L	0.054	0.015	1	10/20/23 13:22	10/24/23 13:25	56-55-3	
Benzo(a)pyrene	**<0.014**	ug/L	0.054	0.014	1	10/20/23 13:22	10/24/23 13:25	50-32-8	
Benzo(b)fluoranthene	**<0.0099**	ug/L	0.054	0.0099	1	10/20/23 13:22	10/24/23 13:25	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.054	0.025	1	10/20/23 13:22	10/24/23 13:25	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.054	0.024	1	10/20/23 13:22	10/24/23 13:25	207-08-9	
Chrysene	**<0.014**	ug/L	0.054	0.014	1	10/20/23 13:22	10/24/23 13:25	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	10/20/23 13:22	10/24/23 13:25	53-70-3	
Fluoranthene	**<0.028**	ug/L	0.054	0.028	1	10/20/23 13:22	10/24/23 13:25	206-44-0	
Fluorene	**0.045J**	ug/L	0.054	0.025	1	10/20/23 13:22	10/24/23 13:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.017**	ug/L	0.054	0.017	1	10/20/23 13:22	10/24/23 13:25	193-39-5	
1-Methylnaphthalene	**0.50**	ug/L	0.054	0.019	1	10/20/23 13:22	10/24/23 13:25	90-12-0	
2-Methylnaphthalene	**0.082**	ug/L	0.054	0.015	1	10/20/23 13:22	10/24/23 13:25	91-57-6	
Naphthalene	**4.1**	ug/L	0.054	0.022	1	10/20/23 13:22	10/24/23 13:25	91-20-3	
Phenanthrene	**<0.028**	ug/L	0.054	0.028	1	10/20/23 13:22	10/24/23 13:25	85-01-8	
Pyrene	**<0.024**	ug/L	0.054	0.024	1	10/20/23 13:22	10/24/23 13:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	38-120		1	10/20/23 13:22	10/24/23 13:25	321-60-8	
Terphenyl-d14 (S)	83	%	47-121		1	10/20/23 13:22	10/24/23 13:25	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**10.7**	ug/L	1.0	0.30	1		10/27/23 14:03	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 14:03	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 14:03	108-88-3	
1,2,4-Trimethylbenzene	**0.59J**	ug/L	1.0	0.45	1		10/27/23 14:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 14:03	108-67-8	
Xylene (Total)	**3.6**	ug/L	3.0	1.0	1		10/27/23 14:03	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 14:03	179601-23-1	
o-Xylene	**2.9**	ug/L	1.0	0.35	1		10/27/23 14:03	95-47-6	
Surrogates									
Toluene-d8 (S)	92	%	70-130		1		10/27/23 14:03	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 14:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 14:03	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**311**	mg/L	40.0	8.9	20		11/03/23 01:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.064J**	mg/L	0.25	0.059	1		10/26/23 14:58		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723017 **Lab ID: 40269838017** Collected: 10/17/23 17:03 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**19.8**	ug/L	2.8	0.58	1		10/31/23 11:39	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**4.0**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:46	7440-38-2	
Barium, Dissolved	**216**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:46	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:46	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/23/23 06:43	10/31/23 08:23	7440-47-3	D3
Iron, Dissolved	**4320**	ug/L	1250	290	5	10/23/23 06:43	10/31/23 08:23	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:46	7439-92-1	D3
Manganese, Dissolved	**1970**	ug/L	20.2	6.1	5	10/23/23 06:43	10/31/23 08:23	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:46	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:46	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:30	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	0.051	0.014	1	10/20/23 13:22	10/24/23 13:42	83-32-9	
Acenaphthylene	**0.016J**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:42	208-96-8	
Anthracene	**0.033J**	ug/L	0.051	0.019	1	10/20/23 13:22	10/24/23 13:42	120-12-7	
Benzo(a)anthracene	**0.077**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 13:42	56-55-3	
Benzo(a)pyrene	**0.31**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:42	50-32-8	
Benzo(b)fluoranthene	**0.62**	ug/L	0.051	0.0093	1	10/20/23 13:22	10/24/23 13:42	205-99-2	
Benzo(g,h,i)perylene	**0.31**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 13:42	191-24-2	
Benzo(k)fluoranthene	**0.33**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 13:42	207-08-9	
Chrysene	**0.45**	ug/L	0.051	0.013	1	10/20/23 13:22	10/24/23 13:42	218-01-9	
Dibenz(a,h)anthracene	**0.045J**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 13:42	53-70-3	
Fluoranthene	**0.71**	ug/L	0.051	0.027	1	10/20/23 13:22	10/24/23 13:42	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/20/23 13:22	10/24/23 13:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.26**	ug/L	0.051	0.016	1	10/20/23 13:22	10/24/23 13:42	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	10/20/23 13:22	10/24/23 13:42	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	10/20/23 13:22	10/24/23 13:42	91-57-6	
Naphthalene	**0.021J**	ug/L	0.051	0.020	1	10/20/23 13:22	10/24/23 13:42	91-20-3	
Phenanthrene	**0.20**	ug/L	0.051	0.026	1	10/20/23 13:22	10/24/23 13:42	85-01-8	
Pyrene	**0.53**	ug/L	0.051	0.023	1	10/20/23 13:22	10/24/23 13:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	38-120		1	10/20/23 13:22	10/24/23 13:42	321-60-8	
Terphenyl-d14 (S)	76	%	47-121		1	10/20/23 13:22	10/24/23 13:42	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 14:22	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723017 **Lab ID: 40269838017** Collected: 10/17/23 17:03 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 14:22	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 14:22	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 14:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 14:22	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 14:22	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 14:22	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 14:22	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/27/23 14:22	2037-26-5	
4-Bromofluorobenzene (S)	83	%	70-130		1		10/27/23 14:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 14:22	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**331**	mg/L	40.0	8.9	20		11/03/23 15:31	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 14:58		

Sample: 101723018 **Lab ID: 40269838018** Collected: 10/17/23 17:50 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**<0.58**	ug/L	2.8	0.58	1		10/31/23 11:46	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:51	7440-38-2	D3
Barium, Dissolved	**20.5**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:51	7440-39-3	
Cadmium, Dissolved	**0.30J**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:51	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 11:51	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/23/23 06:43	10/28/23 11:51	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:51	7439-92-1	D3
Manganese, Dissolved	**<2.4**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 11:51	7439-96-5	D3
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:51	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:51	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:33	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723018 **Lab ID: 40269838018** Collected: 10/17/23 17:50 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.015**	ug/L	0.052	0.015	1	10/20/23 13:22	10/24/23 14:01	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 14:01	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 14:01	120-12-7	
Benzo(a)anthracene	**0.028J**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 14:01	56-55-3	
Benzo(a)pyrene	**0.099**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 14:01	50-32-8	
Benzo(b)fluoranthene	**0.32**	ug/L	0.052	0.0095	1	10/20/23 13:22	10/24/23 14:01	205-99-2	
Benzo(g,h,i)perylene	**0.093**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 14:01	191-24-2	
Benzo(k)fluoranthene	**0.035J**	ug/L	0.052	0.023	1	10/20/23 13:22	10/24/23 14:01	207-08-9	
Chrysene	**0.17**	ug/L	0.052	0.013	1	10/20/23 13:22	10/24/23 14:01	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 14:01	53-70-3	
Fluoranthene	**0.29**	ug/L	0.052	0.027	1	10/20/23 13:22	10/24/23 14:01	206-44-0	
Fluorene	**<0.025**	ug/L	0.052	0.025	1	10/20/23 13:22	10/24/23 14:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.072**	ug/L	0.052	0.016	1	10/20/23 13:22	10/24/23 14:01	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	10/20/23 13:22	10/24/23 14:01	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	10/20/23 13:22	10/24/23 14:01	91-57-6	
Naphthalene	**0.064**	ug/L	0.052	0.021	1	10/20/23 13:22	10/24/23 14:01	91-20-3	
Phenanthrene	**0.11**	ug/L	0.052	0.027	1	10/20/23 13:22	10/24/23 14:01	85-01-8	
Pyrene	**0.21**	ug/L	0.052	0.024	1	10/20/23 13:22	10/24/23 14:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	38-120		1	10/20/23 13:22	10/24/23 14:01	321-60-8	
Terphenyl-d14 (S)	79	%	47-121		1	10/20/23 13:22	10/24/23 14:01	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 14:42	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 14:42	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 14:42	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 14:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 14:42	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 14:42	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 14:42	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 14:42	95-47-6	
Surrogates									
Toluene-d8 (S)	93	%	70-130		1		10/27/23 14:42	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/27/23 14:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/27/23 14:42	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1510**	mg/L	200	44.4	100		11/03/23 15:46	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.18J**	mg/L	0.25	0.059	1		10/26/23 14:59		

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723019 **Lab ID: 40269838019** Collected: 10/17/23 18:16 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**<0.58**	ug/L	2.8	0.58	1		10/31/23 11:53	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:00	7440-38-2	D3
Barium, Dissolved	**108**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:00	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:00	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 11:00	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/23/23 06:43	10/28/23 11:00	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:00	7439-92-1	D3
Manganese, Dissolved	**17.5**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 11:00	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:00	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:00	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:35	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	0.049	0.014	1	10/20/23 13:22	10/24/23 14:19	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.049	0.012	1	10/20/23 13:22	10/24/23 14:19	208-96-8	
Anthracene	**0.020J**	ug/L	0.049	0.018	1	10/20/23 13:22	10/24/23 14:19	120-12-7	
Benzo(a)anthracene	**0.065**	ug/L	0.049	0.013	1	10/20/23 13:22	10/24/23 14:19	56-55-3	
Benzo(a)pyrene	**0.17**	ug/L	0.049	0.012	1	10/20/23 13:22	10/24/23 14:19	50-32-8	
Benzo(b)fluoranthene	**0.33**	ug/L	0.049	0.0089	1	10/20/23 13:22	10/24/23 14:19	205-99-2	
Benzo(g,h,i)perylene	**0.17**	ug/L	0.049	0.023	1	10/20/23 13:22	10/24/23 14:19	191-24-2	
Benzo(k)fluoranthene	**0.20**	ug/L	0.049	0.022	1	10/20/23 13:22	10/24/23 14:19	207-08-9	
Chrysene	**0.29**	ug/L	0.049	0.012	1	10/20/23 13:22	10/24/23 14:19	218-01-9	
Dibenz(a,h)anthracene	**0.023J**	ug/L	0.049	0.017	1	10/20/23 13:22	10/24/23 14:19	53-70-3	
Fluoranthene	**0.47**	ug/L	0.049	0.025	1	10/20/23 13:22	10/24/23 14:19	206-44-0	
Fluorene	**<0.023**	ug/L	0.049	0.023	1	10/20/23 13:22	10/24/23 14:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.14**	ug/L	0.049	0.015	1	10/20/23 13:22	10/24/23 14:19	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.049	0.017	1	10/20/23 13:22	10/24/23 14:19	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.049	0.013	1	10/20/23 13:22	10/24/23 14:19	91-57-6	
Naphthalene	**0.029J**	ug/L	0.049	0.019	1	10/20/23 13:22	10/24/23 14:19	91-20-3	
Phenanthrene	**0.13**	ug/L	0.049	0.025	1	10/20/23 13:22	10/24/23 14:19	85-01-8	
Pyrene	**0.35**	ug/L	0.049	0.022	1	10/20/23 13:22	10/24/23 14:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	38-120		1	10/20/23 13:22	10/24/23 14:19	321-60-8	
Terphenyl-d14 (S)	79	%	47-121		1	10/20/23 13:22	10/24/23 14:19	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 15:02	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101723019 **Lab ID: 40269838019** Collected: 10/17/23 18:16 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 15:02	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 15:02	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 15:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 15:02	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 15:02	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 15:02	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 15:02	95-47-6	
Surrogates									
Toluene-d8 (S)	91	%	70-130		1		10/27/23 15:02	2037-26-5	
4-Bromofluorobenzene (S)	84	%	70-130		1		10/27/23 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 15:02	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**260**	mg/L	10.0	2.2	5		11/03/23 02:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 15:00		

Sample: 101823021 **Lab ID: 40269838020** Collected: 10/18/23 08:11 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**49.7**	ug/L	2.8	0.58	1		10/31/23 12:00	74-82-8	M1
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.79J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 15:33	7440-38-2	D3
Barium, Dissolved	**335**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 15:33	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 15:33	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/24/23 05:53	10/31/23 05:56	7440-47-3	D3
Iron, Dissolved	**830J**	ug/L	1250	290	5	10/24/23 05:53	10/31/23 05:56	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 15:33	7439-92-1	D3
Manganese, Dissolved	**1470**	ug/L	20.2	6.1	5	10/24/23 05:53	10/31/23 05:56	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 15:33	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 15:33	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:14	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823021 **Lab ID: 40269838020** Collected: 10/18/23 08:11 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**0.021J**	ug/L	0.052	0.014	1	10/24/23 12:45	10/26/23 16:28	83-32-9	R1
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	10/24/23 12:45	10/26/23 16:28	208-96-8	R1
Anthracene	**<0.019**	ug/L	0.052	0.019	1	10/24/23 12:45	10/26/23 16:28	120-12-7	R1
Benzo(a)anthracene	**0.018J**	ug/L	0.052	0.014	1	10/24/23 12:45	10/26/23 16:28	56-55-3	R1
Benzo(a)pyrene	**0.021J**	ug/L	0.052	0.013	1	10/24/23 12:45	10/26/23 16:28	50-32-8	R1
Benzo(b)fluoranthene	**0.054**	ug/L	0.052	0.0094	1	10/24/23 12:45	10/26/23 16:28	205-99-2	R1
Benzo(g,h,i)perylene	**0.026J**	ug/L	0.052	0.024	1	10/24/23 12:45	10/26/23 16:28	191-24-2	R1
Benzo(k)fluoranthene	**0.024J**	ug/L	0.052	0.023	1	10/24/23 12:45	10/26/23 16:28	207-08-9	R1
Chrysene	**0.035J**	ug/L	0.052	0.013	1	10/24/23 12:45	10/26/23 16:28	218-01-9	R1
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.052	0.018	1	10/24/23 12:45	10/26/23 16:28	53-70-3	R1
Fluoranthene	**0.070**	ug/L	0.052	0.027	1	10/24/23 12:45	10/26/23 16:28	206-44-0	R1
Fluorene	**<0.024**	ug/L	0.052	0.024	1	10/24/23 12:45	10/26/23 16:28	86-73-7	R1
Indeno(1,2,3-cd)pyrene	**0.022J**	ug/L	0.052	0.016	1	10/24/23 12:45	10/26/23 16:28	193-39-5	R1
1-Methylnaphthalene	**0.080**	ug/L	0.052	0.019	1	10/24/23 12:45	10/26/23 16:28	90-12-0	R1
2-Methylnaphthalene	**0.026J**	ug/L	0.052	0.014	1	10/24/23 12:45	10/26/23 16:28	91-57-6	R1
Naphthalene	**0.26**	ug/L	0.052	0.021	1	10/24/23 12:45	10/26/23 16:28	91-20-3	M1,R1
Phenanthrene	**0.032J**	ug/L	0.052	0.027	1	10/24/23 12:45	10/26/23 16:28	85-01-8	R1
Pyrene	**0.053**	ug/L	0.052	0.023	1	10/24/23 12:45	10/26/23 16:28	129-00-0	R1
Surrogates									
2-Fluorobiphenyl (S)	90	%	38-120		1	10/24/23 12:45	10/26/23 16:28	321-60-8	
Terphenyl-d14 (S)	99	%	47-121		1	10/24/23 12:45	10/26/23 16:28	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/28/23 00:04	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/28/23 00:04	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/28/23 00:04	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/28/23 00:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/28/23 00:04	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/28/23 00:04	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/28/23 00:04	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/28/23 00:04	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/28/23 00:04	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		10/28/23 00:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/28/23 00:04	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**82.6**	mg/L	10.0	2.2	5		11/03/23 02:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 15:01		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823022 **Lab ID: 40269838021** Collected: 10/18/23 10:00 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**66.9**	ug/L	2.8	0.58	1		10/31/23 12:27	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.5J**	ug/L	2.0	0.56	2	10/23/23 06:43	10/28/23 11:57	7440-38-2	D3
Barium, Dissolved	**156**	ug/L	4.7	1.4	2	10/23/23 06:43	10/28/23 11:57	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/23/23 06:43	10/28/23 11:57	7440-43-9	D3
Chromium, Dissolved	**18.8**	ug/L	6.8	2.0	2	10/23/23 06:43	10/28/23 11:57	7440-47-3	
Iron, Dissolved	**3280**	ug/L	500	116	2	10/23/23 06:43	10/28/23 11:57	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/23/23 06:43	10/28/23 11:57	7439-92-1	D3
Manganese, Dissolved	**279**	ug/L	8.1	2.4	2	10/23/23 06:43	10/28/23 11:57	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/23/23 06:43	10/28/23 11:57	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/23/23 06:43	10/28/23 11:57	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:37	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**19.6**	ug/L	0.43	0.12	8	10/24/23 07:32	10/25/23 18:08	83-32-9	
Acenaphthylene	**9.2**	ug/L	0.43	0.11	8	10/24/23 07:32	10/25/23 18:08	208-96-8	
Anthracene	**4.1**	ug/L	0.43	0.16	8	10/24/23 07:32	10/25/23 18:08	120-12-7	L1
Benzo(a)anthracene	**<0.12**	ug/L	0.43	0.12	8	10/24/23 07:32	10/25/23 18:08	56-55-3	
Benzo(a)pyrene	**<0.11**	ug/L	0.43	0.11	8	10/24/23 07:32	10/25/23 18:08	50-32-8	
Benzo(b)fluoranthene	**<0.078**	ug/L	0.43	0.078	8	10/24/23 07:32	10/25/23 18:08	205-99-2	
Benzo(g,h,i)perylene	**<0.20**	ug/L	0.43	0.20	8	10/24/23 07:32	10/25/23 18:08	191-24-2	
Benzo(k)fluoranthene	**<0.19**	ug/L	0.43	0.19	8	10/24/23 07:32	10/25/23 18:08	207-08-9	
Chrysene	**0.14J**	ug/L	0.43	0.11	8	10/24/23 07:32	10/25/23 18:08	218-01-9	
Dibenz(a,h)anthracene	**<0.15**	ug/L	0.43	0.15	8	10/24/23 07:32	10/25/23 18:08	53-70-3	
Fluoranthene	**1.6**	ug/L	0.43	0.22	8	10/24/23 07:32	10/25/23 18:08	206-44-0	
Fluorene	**2.2**	ug/L	0.43	0.20	8	10/24/23 07:32	10/25/23 18:08	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.13**	ug/L	0.43	0.13	8	10/24/23 07:32	10/25/23 18:08	193-39-5	
1-Methylnaphthalene	**82.3**	ug/L	0.43	0.15	8	10/24/23 07:32	10/25/23 18:08	90-12-0	
2-Methylnaphthalene	**<0.12**	ug/L	0.43	0.12	8	10/24/23 07:32	10/25/23 18:08	91-57-6	
Naphthalene	**3.1**	ug/L	0.43	0.17	8	10/24/23 07:32	10/25/23 18:08	91-20-3	
Phenanthrene	**18.6**	ug/L	0.43	0.22	8	10/24/23 07:32	10/25/23 18:08	85-01-8	
Pyrene	**1.4**	ug/L	0.43	0.19	8	10/24/23 07:32	10/25/23 18:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	92	%	38-120		8	10/24/23 07:32	10/25/23 18:08	321-60-8	
Terphenyl-d14 (S)	85	%	47-121		8	10/24/23 07:32	10/25/23 18:08	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**13.0**	ug/L	1.0	0.30	1		10/30/23 13:38	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823022 **Lab ID: 40269838021** Collected: 10/18/23 10:00 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**106**	ug/L	1.0	0.33	1		10/30/23 13:38	100-41-4	
Toluene	**1.6**	ug/L	1.0	0.29	1		10/30/23 13:38	108-88-3	
1,2,4-Trimethylbenzene	**0.76J**	ug/L	1.0	0.45	1		10/30/23 13:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/30/23 13:38	108-67-8	
Xylene (Total)	**7.7**	ug/L	3.0	1.0	1		10/30/23 13:38	1330-20-7	
m&p-Xylene	**1.7J**	ug/L	2.0	0.70	1		10/30/23 13:38	179601-23-1	
o-Xylene	**6.0**	ug/L	1.0	0.35	1		10/30/23 13:38	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		10/30/23 13:38	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		10/30/23 13:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/30/23 13:38	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**128**	mg/L	10.0	2.2	5		11/03/23 03:58	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		10/26/23 15:03		

Sample: 101823023 **Lab ID: 40269838022** Collected: 10/18/23 10:05 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**75.7**	ug/L	2.8	0.58	1		10/31/23 12:34	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.5J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 15:53	7440-38-2	D3
Barium, Dissolved	**155**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 15:53	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 15:53	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 15:53	7440-47-3	D3
Iron, Dissolved	**3460**	ug/L	500	116	2	10/24/23 05:53	10/28/23 15:53	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 15:53	7439-92-1	D3
Manganese, Dissolved	**288**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 15:53	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 15:53	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 15:53	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:40	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823023 **Lab ID: 40269838022** Collected: 10/18/23 10:05 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**20.1**	ug/L	0.41	0.11	8	10/24/23 07:32	10/25/23 18:27	83-32-9	
Acenaphthylene	**8.9**	ug/L	0.41	0.10	8	10/24/23 07:32	10/25/23 18:27	208-96-8	
Anthracene	**4.1**	ug/L	0.41	0.15	8	10/24/23 07:32	10/25/23 18:27	120-12-7	L1
Benzo(a)anthracene	**0.12J**	ug/L	0.41	0.11	8	10/24/23 07:32	10/25/23 18:27	56-55-3	
Benzo(a)pyrene	**<0.10**	ug/L	0.41	0.10	8	10/24/23 07:32	10/25/23 18:27	50-32-8	
Benzo(b)fluoranthene	**0.16J**	ug/L	0.41	0.075	8	10/24/23 07:32	10/25/23 18:27	205-99-2	
Benzo(g,h,i)perylene	**<0.19**	ug/L	0.41	0.19	8	10/24/23 07:32	10/25/23 18:27	191-24-2	
Benzo(k)fluoranthene	**<0.18**	ug/L	0.41	0.18	8	10/24/23 07:32	10/25/23 18:27	207-08-9	
Chrysene	**0.24J**	ug/L	0.41	0.10	8	10/24/23 07:32	10/25/23 18:27	218-01-9	
Dibenz(a,h)anthracene	**<0.15**	ug/L	0.41	0.15	8	10/24/23 07:32	10/25/23 18:27	53-70-3	
Fluoranthene	**2.0**	ug/L	0.41	0.21	8	10/24/23 07:32	10/25/23 18:27	206-44-0	
Fluorene	**3.2**	ug/L	0.41	0.19	8	10/24/23 07:32	10/25/23 18:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.13**	ug/L	0.41	0.13	8	10/24/23 07:32	10/25/23 18:27	193-39-5	
1-Methylnaphthalene	**81.1**	ug/L	0.41	0.15	8	10/24/23 07:32	10/25/23 18:27	90-12-0	
2-Methylnaphthalene	**0.13J**	ug/L	0.41	0.11	8	10/24/23 07:32	10/25/23 18:27	91-57-6	
Naphthalene	**3.7**	ug/L	0.41	0.16	8	10/24/23 07:32	10/25/23 18:27	91-20-3	
Phenanthrene	**20.1**	ug/L	0.41	0.21	8	10/24/23 07:32	10/25/23 18:27	85-01-8	
Pyrene	**1.6**	ug/L	0.41	0.19	8	10/24/23 07:32	10/25/23 18:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	38-120		8	10/24/23 07:32	10/25/23 18:27	321-60-8	
Terphenyl-d14 (S)	82	%	47-121		8	10/24/23 07:32	10/25/23 18:27	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**12.7**	ug/L	1.0	0.30	1		10/28/23 00:59	71-43-2	
Ethylbenzene	**117**	ug/L	1.0	0.33	1		10/28/23 00:59	100-41-4	
Toluene	**1.8**	ug/L	1.0	0.29	1		10/28/23 00:59	108-88-3	
1,2,4-Trimethylbenzene	**0.95J**	ug/L	1.0	0.45	1		10/28/23 00:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/28/23 00:59	108-67-8	
Xylene (Total)	**8.2**	ug/L	3.0	1.0	1		10/28/23 00:59	1330-20-7	
m&p-Xylene	**1.9J**	ug/L	2.0	0.70	1		10/28/23 00:59	179601-23-1	
o-Xylene	**6.4**	ug/L	1.0	0.35	1		10/28/23 00:59	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/28/23 00:59	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		10/28/23 00:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/28/23 00:59	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**121**	mg/L	10.0	2.2	5		11/03/23 04:13	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		10/26/23 15:04		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823024 **Lab ID: 40269838023** Collected: 10/18/23 10:55 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**21.2**	ug/L	2.8	0.58	1		10/31/23 12:41	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.9J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:04	7440-38-2	D3
Barium, Dissolved	**32.8**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:04	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:04	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:04	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:04	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:04	7439-92-1	D3
Manganese, Dissolved	**171**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:04	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:04	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:04	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:42	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.050**	ug/L	0.050	0.014	1	10/24/23 07:32	10/25/23 16:36	83-32-9	
Acenaphthylene	**0.12**	ug/L	0.050	0.013	1	10/24/23 07:32	10/25/23 16:36	208-96-8	
Anthracene	**0.12**	ug/L	0.050	0.019	1	10/24/23 07:32	10/25/23 16:36	120-12-7	L1
Benzo(a)anthracene	**0.18**	ug/L	0.050	0.014	1	10/24/23 07:32	10/25/23 16:36	56-55-3	
Benzo(a)pyrene	**0.30**	ug/L	0.050	0.013	1	10/24/23 07:32	10/25/23 16:36	50-32-8	
Benzo(b)fluoranthene	**0.75**	ug/L	0.050	0.0091	1	10/24/23 07:32	10/25/23 16:36	205-99-2	
Benzo(g,h,i)perylene	**0.51**	ug/L	0.050	0.023	1	10/24/23 07:32	10/25/23 16:36	191-24-2	
Benzo(k)fluoranthene	**0.26**	ug/L	0.050	0.022	1	10/24/23 07:32	10/25/23 16:36	207-08-9	
Chrysene	**0.45**	ug/L	0.050	0.013	1	10/24/23 07:32	10/25/23 16:36	218-01-9	
Dibenz(a,h)anthracene	**0.063**	ug/L	0.050	0.018	1	10/24/23 07:32	10/25/23 16:36	53-70-3	
Fluoranthene	**1.0**	ug/L	0.050	0.026	1	10/24/23 07:32	10/25/23 16:36	206-44-0	
Fluorene	**0.027J**	ug/L	0.050	0.024	1	10/24/23 07:32	10/25/23 16:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.35**	ug/L	0.050	0.016	1	10/24/23 07:32	10/25/23 16:36	193-39-5	
1-Methylnaphthalene	**0.024J**	ug/L	0.050	0.018	1	10/24/23 07:32	10/25/23 16:36	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	10/24/23 07:32	10/25/23 16:36	91-57-6	
Naphthalene	**0.10**	ug/L	0.050	0.020	1	10/24/23 07:32	10/25/23 16:36	91-20-3	
Phenanthrene	**0.23**	ug/L	0.050	0.026	1	10/24/23 07:32	10/25/23 16:36	85-01-8	
Pyrene	**0.72**	ug/L	0.050	0.023	1	10/24/23 07:32	10/25/23 16:36	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	88	%	38-120		1	10/24/23 07:32	10/25/23 16:36	321-60-8	
Terphenyl-d14 (S)	98	%	47-121		1	10/24/23 07:32	10/25/23 16:36	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/28/23 01:18	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823024 **Lab ID: 40269838023** Collected: 10/18/23 10:55 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/28/23 01:18	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/28/23 01:18	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/28/23 01:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/28/23 01:18	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/28/23 01:18	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/28/23 01:18	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/28/23 01:18	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/28/23 01:18	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		10/28/23 01:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/28/23 01:18	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**190**	mg/L	10.0	2.2	5		11/03/23 04:28	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.082J**	mg/L	0.25	0.059	1		10/26/23 15:08		

Sample: 101823025 **Lab ID: 40269838024** Collected: 10/18/23 11:27 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**206**	ug/L	2.8	0.58	1		10/31/23 12:47	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:09	7440-38-2	D3
Barium, Dissolved	**832**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:09	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:09	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	10/24/23 05:53	10/31/23 06:47	7440-47-3	D3
Iron, Dissolved	**6420**	ug/L	1250	290	5	10/24/23 05:53	10/31/23 06:47	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:09	7439-92-1	D3
Manganese, Dissolved	**1270**	ug/L	20.2	6.1	5	10/24/23 05:53	10/31/23 06:47	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:09	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:09	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:44	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823025 **Lab ID: 40269838024** Collected: 10/18/23 11:27 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**27.5**	ug/L	12.6	3.5	250	10/24/23 07:32	10/25/23 18:45	83-32-9	
Acenaphthylene	**6.3J**	ug/L	12.6	3.2	250	10/24/23 07:32	10/25/23 18:45	208-96-8	
Anthracene	**11.2J**	ug/L	12.6	4.7	250	10/24/23 07:32	10/25/23 18:45	120-12-7	L1
Benzo(a)anthracene	**<3.4**	ug/L	12.6	3.4	250	10/24/23 07:32	10/25/23 18:45	56-55-3	
Benzo(a)pyrene	**<3.2**	ug/L	12.6	3.2	250	10/24/23 07:32	10/25/23 18:45	50-32-8	
Benzo(b)fluoranthene	**2.6J**	ug/L	12.6	2.3	250	10/24/23 07:32	10/25/23 18:45	205-99-2	
Benzo(g,h,i)perylene	**<5.9**	ug/L	12.6	5.9	250	10/24/23 07:32	10/25/23 18:45	191-24-2	
Benzo(k)fluoranthene	**<5.6**	ug/L	12.6	5.6	250	10/24/23 07:32	10/25/23 18:45	207-08-9	
Chrysene	**4.2J**	ug/L	12.6	3.2	250	10/24/23 07:32	10/25/23 18:45	218-01-9	
Dibenz(a,h)anthracene	**<4.5**	ug/L	12.6	4.5	250	10/24/23 07:32	10/25/23 18:45	53-70-3	
Fluoranthene	**9.0J**	ug/L	12.6	6.6	250	10/24/23 07:32	10/25/23 18:45	206-44-0	
Fluorene	**12.3J**	ug/L	12.6	5.9	250	10/24/23 07:32	10/25/23 18:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**<3.9**	ug/L	12.6	3.9	250	10/24/23 07:32	10/25/23 18:45	193-39-5	
1-Methylnaphthalene	**434**	ug/L	12.6	4.5	250	10/24/23 07:32	10/25/23 18:45	90-12-0	
2-Methylnaphthalene	**108**	ug/L	12.6	3.5	250	10/24/23 07:32	10/25/23 18:45	91-57-6	
Naphthalene	**2480**	ug/L	12.6	5.0	250	10/24/23 07:32	10/25/23 18:45	91-20-3	
Phenanthrene	**31.2**	ug/L	12.6	6.5	250	10/24/23 07:32	10/25/23 18:45	85-01-8	
Pyrene	**7.0J**	ug/L	12.6	5.7	250	10/24/23 07:32	10/25/23 18:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	95	%	38-120		250	10/24/23 07:32	10/25/23 18:45	321-60-8	
Terphenyl-d14 (S)	90	%	47-121		250	10/24/23 07:32	10/25/23 18:45	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**3600**	ug/L	40.0	11.8	40		10/30/23 14:50	71-43-2	
Ethylbenzene	**432**	ug/L	40.0	13.0	40		10/30/23 14:50	100-41-4	
Toluene	**193**	ug/L	1.0	0.29	1		10/28/23 01:37	108-88-3	
1,2,4-Trimethylbenzene	**265**	ug/L	40.0	17.9	40		10/30/23 14:50	95-63-6	
1,3,5-Trimethylbenzene	**25.9**	ug/L	1.0	0.36	1		10/28/23 01:37	108-67-8	
Xylene (Total)	**685**	ug/L	120	41.9	40		10/30/23 14:50	1330-20-7	
m&p-Xylene	**423**	ug/L	80.0	28.0	40		10/30/23 14:50	179601-23-1	
o-Xylene	**263**	ug/L	40.0	13.9	40		10/30/23 14:50	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/28/23 01:37	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		10/28/23 01:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	70-130		1		10/28/23 01:37	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**16.1**	mg/L	10.0	2.2	5		11/03/23 04:42	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		10/26/23 15:11		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823026 **Lab ID: 40269838025** Collected: 10/18/23 11:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**44.8**	ug/L	2.8	0.58	1		10/31/23 12:54	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.88J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:24	7440-38-2	D3
Barium, Dissolved	**67.2**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:24	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:24	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:24	7440-47-3	D3
Iron, Dissolved	**10800**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:24	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:24	7439-92-1	D3
Manganese, Dissolved	**1030**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:24	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:24	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:24	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:47	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**3.8**	ug/L	0.050	0.014	1	10/24/23 07:32	10/25/23 16:54	83-32-9	
Acenaphthylene	**0.57**	ug/L	0.050	0.012	1	10/24/23 07:32	10/25/23 16:54	208-96-8	
Anthracene	**0.44**	ug/L	0.050	0.018	1	10/24/23 07:32	10/25/23 16:54	120-12-7	L1
Benzo(a)anthracene	**0.014J**	ug/L	0.050	0.013	1	10/24/23 07:32	10/25/23 16:54	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	10/24/23 07:32	10/25/23 16:54	50-32-8	
Benzo(b)fluoranthene	**0.013J**	ug/L	0.050	0.0090	1	10/24/23 07:32	10/25/23 16:54	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	10/24/23 07:32	10/25/23 16:54	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	10/24/23 07:32	10/25/23 16:54	207-08-9	
Chrysene	**<0.012**	ug/L	0.050	0.012	1	10/24/23 07:32	10/25/23 16:54	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	10/24/23 07:32	10/25/23 16:54	53-70-3	
Fluoranthene	**0.059**	ug/L	0.050	0.026	1	10/24/23 07:32	10/25/23 16:54	206-44-0	
Fluorene	**0.061**	ug/L	0.050	0.023	1	10/24/23 07:32	10/25/23 16:54	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	10/24/23 07:32	10/25/23 16:54	193-39-5	
1-Methylnaphthalene	**0.068**	ug/L	0.050	0.018	1	10/24/23 07:32	10/25/23 16:54	90-12-0	
2-Methylnaphthalene	**0.020J**	ug/L	0.050	0.014	1	10/24/23 07:32	10/25/23 16:54	91-57-6	
Naphthalene	**0.094**	ug/L	0.050	0.020	1	10/24/23 07:32	10/25/23 16:54	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.050	0.025	1	10/24/23 07:32	10/25/23 16:54	85-01-8	
Pyrene	**0.047J**	ug/L	0.050	0.022	1	10/24/23 07:32	10/25/23 16:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	93	%	38-120		1	10/24/23 07:32	10/25/23 16:54	321-60-8	
Terphenyl-d14 (S)	102	%	47-121		1	10/24/23 07:32	10/25/23 16:54	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/28/23 00:41	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823026 **Lab ID: 40269838025** Collected: 10/18/23 11:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/28/23 00:41	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/28/23 00:41	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/28/23 00:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/28/23 00:41	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/28/23 00:41	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/28/23 00:41	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/28/23 00:41	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		10/28/23 00:41	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		10/28/23 00:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/28/23 00:41	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**478**	mg/L	40.0	8.9	20		11/03/23 16:03	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		10/26/23 15:11		

Sample: 101823027 **Lab ID: 40269838026** Collected: 10/18/23 12:29 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**264**	ug/L	11.2	2.3	4		10/31/23 14:01	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.6J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:29	7440-38-2	D3
Barium, Dissolved	**316**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:29	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:29	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:29	7440-47-3	D3
Iron, Dissolved	**13800**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:29	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:29	7439-92-1	D3
Manganese, Dissolved	**1380**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:29	7439-96-5	
Selenium, Dissolved	**1.2J**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:29	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:29	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:49	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823027 **Lab ID: 40269838026** Collected: 10/18/23 12:29 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:13	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:13	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	10/24/23 07:32	10/25/23 17:13	120-12-7	L1
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:13	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:13	50-32-8	
Benzo(b)fluoranthene	**0.011J**	ug/L	0.051	0.0092	1	10/24/23 07:32	10/25/23 17:13	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/24/23 07:32	10/25/23 17:13	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/24/23 07:32	10/25/23 17:13	207-08-9	
Chrysene	**0.014J**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:13	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/24/23 07:32	10/25/23 17:13	53-70-3	
Fluoranthene	**0.038J**	ug/L	0.051	0.026	1	10/24/23 07:32	10/25/23 17:13	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/24/23 07:32	10/25/23 17:13	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/24/23 07:32	10/25/23 17:13	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	10/24/23 07:32	10/25/23 17:13	90-12-0	
2-Methylnaphthalene	**0.016J**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:13	91-57-6	
Naphthalene	**0.051**	ug/L	0.051	0.020	1	10/24/23 07:32	10/25/23 17:13	91-20-3	
Phenanthrene	**0.041J**	ug/L	0.051	0.026	1	10/24/23 07:32	10/25/23 17:13	85-01-8	
Pyrene	**0.039J**	ug/L	0.051	0.023	1	10/24/23 07:32	10/25/23 17:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	100	%	38-120		1	10/24/23 07:32	10/25/23 17:13	321-60-8	
Terphenyl-d14 (S)	112	%	47-121		1	10/24/23 07:32	10/25/23 17:13	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/28/23 00:22	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/28/23 00:22	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/28/23 00:22	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/28/23 00:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/28/23 00:22	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/28/23 00:22	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/28/23 00:22	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/28/23 00:22	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/28/23 00:22	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		10/28/23 00:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/28/23 00:22	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**450**	mg/L	40.0	8.9	20		11/03/23 16:17	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		10/26/23 15:12		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823028 **Lab ID: 40269838027** Collected: 10/18/23 13:46 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**104**	ug/L	2.8	0.58	1		10/31/23 13:08	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**6.2**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:35	7440-38-2	
Barium, Dissolved	**123**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:35	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:35	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:35	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:35	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:35	7439-92-1	D3
Manganese, Dissolved	**<2.4**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:35	7439-96-5	D3
Selenium, Dissolved	**4.9**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:35	7782-49-2	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:35	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:51	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.21**	ug/L	0.053	0.015	1	10/24/23 07:32	10/25/23 17:31	83-32-9	
Acenaphthylene	**0.11**	ug/L	0.053	0.013	1	10/24/23 07:32	10/25/23 17:31	208-96-8	
Anthracene	**0.033J**	ug/L	0.053	0.019	1	10/24/23 07:32	10/25/23 17:31	120-12-7	L1
Benzo(a)anthracene	**<0.014**	ug/L	0.053	0.014	1	10/24/23 07:32	10/25/23 17:31	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.053	0.013	1	10/24/23 07:32	10/25/23 17:31	50-32-8	
Benzo(b)fluoranthene	**0.010J**	ug/L	0.053	0.0096	1	10/24/23 07:32	10/25/23 17:31	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.053	0.024	1	10/24/23 07:32	10/25/23 17:31	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.053	0.023	1	10/24/23 07:32	10/25/23 17:31	207-08-9	
Chrysene	**<0.013**	ug/L	0.053	0.013	1	10/24/23 07:32	10/25/23 17:31	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	10/24/23 07:32	10/25/23 17:31	53-70-3	
Fluoranthene	**0.055**	ug/L	0.053	0.027	1	10/24/23 07:32	10/25/23 17:31	206-44-0	
Fluorene	**0.17**	ug/L	0.053	0.025	1	10/24/23 07:32	10/25/23 17:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.053	0.016	1	10/24/23 07:32	10/25/23 17:31	193-39-5	
1-Methylnaphthalene	**0.83**	ug/L	0.053	0.019	1	10/24/23 07:32	10/25/23 17:31	90-12-0	
2-Methylnaphthalene	**0.69**	ug/L	0.053	0.014	1	10/24/23 07:32	10/25/23 17:31	91-57-6	
Naphthalene	**12.7**	ug/L	0.053	0.021	1	10/24/23 07:32	10/25/23 17:31	91-20-3	
Phenanthrene	**0.32**	ug/L	0.053	0.027	1	10/24/23 07:32	10/25/23 17:31	85-01-8	
Pyrene	**0.050J**	ug/L	0.053	0.024	1	10/24/23 07:32	10/25/23 17:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	107	%	38-120		1	10/24/23 07:32	10/25/23 17:31	321-60-8	
Terphenyl-d14 (S)	110	%	47-121		1	10/24/23 07:32	10/25/23 17:31	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**36.8**	ug/L	1.0	0.30	1		10/30/23 10:49	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823028 **Lab ID: 40269838027** Collected: 10/18/23 13:46 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**0.61J**	ug/L	1.0	0.33	1		10/30/23 10:49	100-41-4	
Toluene	**1.3**	ug/L	1.0	0.29	1		10/30/23 10:49	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/30/23 10:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/30/23 10:49	108-67-8	
Xylene (Total)	**1.8J**	ug/L	3.0	1.0	1		10/30/23 10:49	1330-20-7	
m&p-Xylene	**0.96J**	ug/L	2.0	0.70	1		10/30/23 10:49	179601-23-1	
o-Xylene	**0.86J**	ug/L	1.0	0.35	1		10/30/23 10:49	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/30/23 10:49	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		10/30/23 10:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/30/23 10:49	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1030**	mg/L	100	22.2	50		11/03/23 16:32	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.10J**	mg/L	0.25	0.059	1		10/26/23 15:13		

Sample: 101823029 **Lab ID: 40269838028** Collected: 10/18/23 14:25 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**26.5**	ug/L	2.8	0.58	1		11/01/23 10:45	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.0J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:40	7440-38-2	D3
Barium, Dissolved	**38.7**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:40	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:40	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:40	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:40	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:40	7439-92-1	D3
Manganese, Dissolved	**232**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:40	7439-96-5	
Selenium, Dissolved	**1.2J**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:40	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:40	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 08:58	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823029 **Lab ID: 40269838028** Collected: 10/18/23 14:25 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**<0.014**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:50	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:50	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	10/24/23 07:32	10/25/23 17:50	120-12-7	L1
Benzo(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:50	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:50	50-32-8	
Benzo(b)fluoranthene	**0.010J**	ug/L	0.051	0.0092	1	10/24/23 07:32	10/25/23 17:50	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	10/24/23 07:32	10/25/23 17:50	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	10/24/23 07:32	10/25/23 17:50	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	10/24/23 07:32	10/25/23 17:50	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	10/24/23 07:32	10/25/23 17:50	53-70-3	
Fluoranthene	**0.031J**	ug/L	0.051	0.026	1	10/24/23 07:32	10/25/23 17:50	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	10/24/23 07:32	10/25/23 17:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	10/24/23 07:32	10/25/23 17:50	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	10/24/23 07:32	10/25/23 17:50	90-12-0	
2-Methylnaphthalene	**0.017J**	ug/L	0.051	0.014	1	10/24/23 07:32	10/25/23 17:50	91-57-6	
Naphthalene	**0.26**	ug/L	0.051	0.020	1	10/24/23 07:32	10/25/23 17:50	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	10/24/23 07:32	10/25/23 17:50	85-01-8	
Pyrene	**0.032J**	ug/L	0.051	0.023	1	10/24/23 07:32	10/25/23 17:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	108	%	38-120		1	10/24/23 07:32	10/25/23 17:50	321-60-8	
Terphenyl-d14 (S)	116	%	47-121		1	10/24/23 07:32	10/25/23 17:50	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**649**	ug/L	10.0	3.0	10		10/30/23 12:59	71-43-2	
Ethylbenzene	**13.0**	ug/L	1.0	0.33	1		10/28/23 02:14	100-41-4	
Toluene	**161**	ug/L	1.0	0.29	1		10/28/23 02:14	108-88-3	
1,2,4-Trimethylbenzene	**0.81J**	ug/L	1.0	0.45	1		10/28/23 02:14	95-63-6	
1,3,5-Trimethylbenzene	**0.61J**	ug/L	1.0	0.36	1		10/28/23 02:14	108-67-8	
Xylene (Total)	**39.2**	ug/L	3.0	1.0	1		10/28/23 02:14	1330-20-7	
m&p-Xylene	**26.7**	ug/L	2.0	0.70	1		10/28/23 02:14	179601-23-1	
o-Xylene	**12.5**	ug/L	1.0	0.35	1		10/28/23 02:14	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/28/23 02:14	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-130		1		10/28/23 02:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/28/23 02:14	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**511**	mg/L	40.0	8.9	20		11/03/23 16:47	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.29**	mg/L	0.25	0.059	1		10/26/23 15:14		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823030 **Lab ID: 40269838029** Collected: 10/18/23 16:13 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**8.5**	ug/L	2.8	0.58	1		11/01/23 10:52	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.92J**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:45	7440-38-2	D3
Barium, Dissolved	**41.9**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:45	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:45	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:45	7440-47-3	D3
Iron, Dissolved	**530**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:45	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:45	7439-92-1	D3
Manganese, Dissolved	**279**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:45	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:45	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:45	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 09:01	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	10/24/23 07:32	10/26/23 16:10	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	10/24/23 07:32	10/26/23 16:10	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	10/24/23 07:32	10/26/23 16:10	120-12-7	L1
Benzo(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	10/24/23 07:32	10/26/23 16:10	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	10/24/23 07:32	10/26/23 16:10	50-32-8	
Benzo(b)fluoranthene	**<0.0094**	ug/L	0.052	0.0094	1	10/24/23 07:32	10/26/23 16:10	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	10/24/23 07:32	10/26/23 16:10	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	10/24/23 07:32	10/26/23 16:10	207-08-9	
Chrysene	**<0.013**	ug/L	0.052	0.013	1	10/24/23 07:32	10/26/23 16:10	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.052	0.018	1	10/24/23 07:32	10/26/23 16:10	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.052	0.027	1	10/24/23 07:32	10/26/23 16:10	206-44-0	
Fluorene	**<0.024**	ug/L	0.052	0.024	1	10/24/23 07:32	10/26/23 16:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	10/24/23 07:32	10/26/23 16:10	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.052	0.018	1	10/24/23 07:32	10/26/23 16:10	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	10/24/23 07:32	10/26/23 16:10	91-57-6	
Naphthalene	**0.039J**	ug/L	0.052	0.021	1	10/24/23 07:32	10/26/23 16:10	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.052	0.026	1	10/24/23 07:32	10/26/23 16:10	85-01-8	
Pyrene	**<0.023**	ug/L	0.052	0.023	1	10/24/23 07:32	10/26/23 16:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	90	%	38-120		1	10/24/23 07:32	10/26/23 16:10	321-60-8	
Terphenyl-d14 (S)	112	%	47-121		1	10/24/23 07:32	10/26/23 16:10	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		10/30/23 11:07	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823030 **Lab ID: 40269838029** Collected: 10/18/23 16:13 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/30/23 11:07	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/30/23 11:07	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/30/23 11:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/30/23 11:07	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/30/23 11:07	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/30/23 11:07	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/30/23 11:07	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/30/23 11:07	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		10/30/23 11:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/30/23 11:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**731**	mg/L	100	22.2	50		11/03/23 17:04	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		10/26/23 15:17		

Sample: 101823031 **Lab ID: 40269838030** Collected: 10/18/23 17:18 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Methane	**100**	ug/L	2.8	0.58	1		11/01/23 10:58	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.56**	ug/L	2.0	0.56	2	10/24/23 05:53	10/28/23 16:50	7440-38-2	D3
Barium, Dissolved	**99.9**	ug/L	4.7	1.4	2	10/24/23 05:53	10/28/23 16:50	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	10/24/23 05:53	10/28/23 16:50	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	10/24/23 05:53	10/28/23 16:50	7440-47-3	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	10/24/23 05:53	10/28/23 16:50	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	10/24/23 05:53	10/28/23 16:50	7439-92-1	D3
Manganese, Dissolved	**33.1**	ug/L	8.1	2.4	2	10/24/23 05:53	10/28/23 16:50	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	10/24/23 05:53	10/28/23 16:50	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	10/24/23 05:53	10/28/23 16:50	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 09:03	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101823031 **Lab ID: 40269838030** Collected: 10/18/23 17:18 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**17.2**	ug/L	6.2	1.7	125	10/24/23 07:32	10/25/23 19:04	83-32-9	
Acenaphthylene	**4.5J**	ug/L	6.2	1.6	125	10/24/23 07:32	10/25/23 19:04	208-96-8	
Anthracene	**2.4J**	ug/L	6.2	2.3	125	10/24/23 07:32	10/25/23 19:04	120-12-7	L1
Benzo(a)anthracene	**<1.7**	ug/L	6.2	1.7	125	10/24/23 07:32	10/25/23 19:04	56-55-3	
Benzo(a)pyrene	**<1.6**	ug/L	6.2	1.6	125	10/24/23 07:32	10/25/23 19:04	50-32-8	
Benzo(b)fluoranthene	**1.7J**	ug/L	6.2	1.1	125	10/24/23 07:32	10/25/23 19:04	205-99-2	
Benzo(g,h,i)perylene	**<2.9**	ug/L	6.2	2.9	125	10/24/23 07:32	10/25/23 19:04	191-24-2	
Benzo(k)fluoranthene	**<2.8**	ug/L	6.2	2.8	125	10/24/23 07:32	10/25/23 19:04	207-08-9	
Chrysene	**2.0J**	ug/L	6.2	1.6	125	10/24/23 07:32	10/25/23 19:04	218-01-9	
Dibenz(a,h)anthracene	**<2.2**	ug/L	6.2	2.2	125	10/24/23 07:32	10/25/23 19:04	53-70-3	
Fluoranthene	**3.7J**	ug/L	6.2	3.2	125	10/24/23 07:32	10/25/23 19:04	206-44-0	
Fluorene	**10.9**	ug/L	6.2	2.9	125	10/24/23 07:32	10/25/23 19:04	86-73-7	
Indeno(1,2,3-cd)pyrene	**<1.9**	ug/L	6.2	1.9	125	10/24/23 07:32	10/25/23 19:04	193-39-5	
1-Methylnaphthalene	**66.9**	ug/L	6.2	2.2	125	10/24/23 07:32	10/25/23 19:04	90-12-0	
2-Methylnaphthalene	**9.5**	ug/L	6.2	1.7	125	10/24/23 07:32	10/25/23 19:04	91-57-6	
Naphthalene	**1200**	ug/L	6.2	2.5	125	10/24/23 07:32	10/25/23 19:04	91-20-3	
Phenanthrene	**15.5**	ug/L	6.2	3.2	125	10/24/23 07:32	10/25/23 19:04	85-01-8	
Pyrene	**<2.8**	ug/L	6.2	2.8	125	10/24/23 07:32	10/25/23 19:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	38-120		125	10/24/23 07:32	10/25/23 19:04	321-60-8	
Terphenyl-d14 (S)	79	%	47-121		125	10/24/23 07:32	10/25/23 19:04	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**1240**	ug/L	10.0	3.0	10		10/30/23 13:17	71-43-2	
Ethylbenzene	**82.1**	ug/L	1.0	0.33	1		10/28/23 02:51	100-41-4	
Toluene	**10.4**	ug/L	1.0	0.29	1		10/28/23 02:51	108-88-3	
1,2,4-Trimethylbenzene	**29.5**	ug/L	1.0	0.45	1		10/28/23 02:51	95-63-6	
1,3,5-Trimethylbenzene	**0.89J**	ug/L	1.0	0.36	1		10/28/23 02:51	108-67-8	
Xylene (Total)	**107**	ug/L	3.0	1.0	1		10/28/23 02:51	1330-20-7	
m&p-Xylene	**40.6**	ug/L	2.0	0.70	1		10/28/23 02:51	179601-23-1	
o-Xylene	**66.8**	ug/L	1.0	0.35	1		10/28/23 02:51	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		10/28/23 02:51	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/28/23 02:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		10/28/23 02:51	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**727**	mg/L	100	22.2	50		11/03/23 18:04	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		10/26/23 15:18		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101923032 **Lab ID: 40269838031** Collected: 10/19/23 07:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**<0.58**	ug/L	2.8	0.58	1		11/01/23 11:05	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.28**	ug/L	1.0	0.28	1	10/24/23 05:53	10/31/23 05:19	7440-38-2	
Barium, Dissolved	**<0.70**	ug/L	2.3	0.70	1	10/24/23 05:53	10/31/23 05:19	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	10/24/23 05:53	10/31/23 05:19	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	10/24/23 05:53	10/31/23 05:19	7440-47-3	
Iron, Dissolved	**<58.0**	ug/L	250	58.0	1	10/24/23 05:53	10/31/23 05:19	7439-89-6	
Lead, Dissolved	**<0.24**	ug/L	1.0	0.24	1	10/24/23 05:53	10/31/23 05:19	7439-92-1	
Manganese, Dissolved	**2.6J**	ug/L	4.0	1.2	1	10/24/23 05:53	10/31/23 05:19	7439-96-5	
Selenium, Dissolved	**<0.32**	ug/L	1.1	0.32	1	10/24/23 05:53	10/31/23 05:19	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	10/24/23 05:53	10/31/23 05:19	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	10/25/23 10:30	10/26/23 09:05	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.032J**	ug/L	0.049	0.014	1	10/24/23 12:45	10/26/23 18:16	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.049	0.012	1	10/24/23 12:45	10/26/23 18:16	208-96-8	
Anthracene	**<0.018**	ug/L	0.049	0.018	1	10/24/23 12:45	10/26/23 18:16	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.049	0.013	1	10/24/23 12:45	10/26/23 18:16	56-55-3	
Benzo(a)pyrene	**<0.012**	ug/L	0.049	0.012	1	10/24/23 12:45	10/26/23 18:16	50-32-8	
Benzo(b)fluoranthene	**<0.0089**	ug/L	0.049	0.0089	1	10/24/23 12:45	10/26/23 18:16	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.049	0.023	1	10/24/23 12:45	10/26/23 18:16	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.049	0.022	1	10/24/23 12:45	10/26/23 18:16	207-08-9	
Chrysene	**<0.012**	ug/L	0.049	0.012	1	10/24/23 12:45	10/26/23 18:16	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.049	0.017	1	10/24/23 12:45	10/26/23 18:16	53-70-3	
Fluoranthene	**<0.025**	ug/L	0.049	0.025	1	10/24/23 12:45	10/26/23 18:16	206-44-0	
Fluorene	**<0.023**	ug/L	0.049	0.023	1	10/24/23 12:45	10/26/23 18:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.049	0.015	1	10/24/23 12:45	10/26/23 18:16	193-39-5	
1-Methylnaphthalene	**0.064**	ug/L	0.049	0.017	1	10/24/23 12:45	10/26/23 18:16	90-12-0	
2-Methylnaphthalene	**0.056**	ug/L	0.049	0.013	1	10/24/23 12:45	10/26/23 18:16	91-57-6	
Naphthalene	**0.17**	ug/L	0.049	0.019	1	10/24/23 12:45	10/26/23 18:16	91-20-3	
Phenanthrene	**0.070**	ug/L	0.049	0.025	1	10/24/23 12:45	10/26/23 18:16	85-01-8	
Pyrene	**<0.022**	ug/L	0.049	0.022	1	10/24/23 12:45	10/26/23 18:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	99	%	38-120		1	10/24/23 12:45	10/26/23 18:16	321-60-8	
Terphenyl-d14 (S)	106	%	47-121		1	10/24/23 12:45	10/26/23 18:16	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/30/23 11:26	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101923032 **Lab ID: 40269838031** Collected: 10/19/23 07:59 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/30/23 11:26	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/30/23 11:26	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/30/23 11:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/30/23 11:26	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/30/23 11:26	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/30/23 11:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/30/23 11:26	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/30/23 11:26	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		10/30/23 11:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		10/30/23 11:26	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		11/03/23 18:19	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		10/26/23 15:18		

Sample: 101923033 **Lab ID: 40269838032** Collected: 10/19/23 00:00 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 22:50	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 22:50	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 22:50	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 22:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 22:50	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 22:50	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 22:50	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 22:50	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/27/23 22:50	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		10/27/23 22:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/27/23 22:50	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Sample: 101923034 **Lab ID: 40269838033** Collected: 10/19/23 00:00 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 23:08	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 23:08	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 23:08	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 23:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 23:08	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 23:08	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 23:08	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 23:08	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/27/23 23:08	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/27/23 23:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 23:08	2199-69-1	

Sample: 101923035 **Lab ID: 40269838034** Collected: 10/19/23 00:00 Received: 10/19/23 08:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 23:27	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 23:27	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 23:27	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 23:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 23:27	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		10/27/23 23:27	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 23:27	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 23:27	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/27/23 23:27	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/27/23 23:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/27/23 23:27	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458799
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: 40269838001, 40269838002

METHOD BLANK: 2634986 Matrix: Water
Associated Lab Samples: 40269838001, 40269838002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	10/27/23 11:12	

LABORATORY CONTROL SAMPLE & LCSD: 2634987 2634988

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	25.1	28.3		99	80-120	12	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634989 2634990

Parameter	Units	40269725007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	282	71.4	71.4	490	621	291	475	12-198	24	26	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458910
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: 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013

METHOD BLANK: 2636107 Matrix: Water
Associated Lab Samples: 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	10/30/23 12:06	

LABORATORY CONTROL SAMPLE & LCSD: 2636108 2636109

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	28.0	30.4		106	80-120	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636110 2636111

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	732	143	143	1100	1240	257	359	12-198	12	26	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 459016 | 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: 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027

METHOD BLANK: 2636438 Matrix: Water

Associated Lab Samples: 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	10/31/23 09:54	

LABORATORY CONTROL SAMPLE & LCSD: 2636439 2636440

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	27.7	30.2		106	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636441 2636442

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	49.7	28.6	28.6	46.5	53.8	-11	14	12-198	15	26	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 459158
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: 40269838028, 40269838029, 40269838030, 40269838031

METHOD BLANK: 2637059 Matrix: Water
Associated Lab Samples: 40269838028, 40269838029, 40269838030, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	11/01/23 09:38	

LABORATORY CONTROL SAMPLE & LCSD: 2637060 2637061

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	28.5	30.1		105	80-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637336 2637337

Parameter	Units	40269838031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	<0.58	28.6	28.6	23.5	24.8	82	87	12-198	5	26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 460445
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019

METHOD BLANK: 2644020
Matrix: Water
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	10/26/23 07:00	

LABORATORY CONTROL SAMPLE: 2644021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644022 2644023

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.1	5.1	101	103	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 460446
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

METHOD BLANK: 2644024
Matrix: Water
Associated Lab Samples: 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	10/26/23 08:10	

LABORATORY CONTROL SAMPLE: 2644025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644026 2644027

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.2	5.4	103	108	85-115	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 460473
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838021

METHOD BLANK: 2644204 Matrix: Water
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	10/28/23 08:32	
Barium, Dissolved	ug/L	<0.70	2.3	10/28/23 08:32	
Cadmium, Dissolved	ug/L	<0.15	1.0	10/28/23 08:32	
Chromium, Dissolved	ug/L	<1.0	3.4	10/28/23 08:32	
Iron, Dissolved	ug/L	<58.0	250	10/28/23 08:32	
Lead, Dissolved	ug/L	<0.24	1.0	10/28/23 08:32	
Manganese, Dissolved	ug/L	<1.2	4.0	10/28/23 08:32	
Selenium, Dissolved	ug/L	<0.32	1.1	10/28/23 08:32	
Silver, Dissolved	ug/L	<0.13	0.50	10/28/23 08:32	

LABORATORY CONTROL SAMPLE: 2644205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	268	107	80-120	
Barium, Dissolved	ug/L	250	259	104	80-120	
Cadmium, Dissolved	ug/L	250	264	106	80-120	
Chromium, Dissolved	ug/L	250	258	103	80-120	
Iron, Dissolved	ug/L	10000	10500	105	80-120	
Lead, Dissolved	ug/L	250	260	104	80-120	
Manganese, Dissolved	ug/L	250	256	102	80-120	
Selenium, Dissolved	ug/L	250	267	107	80-120	
Silver, Dissolved	ug/L	125	127	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644206 2644207

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	4.0	250	250	269	277	106	109	75-125	3	20	
Barium, Dissolved	ug/L	247	250	250	501	512	102	106	75-125	2	20	
Cadmium, Dissolved	ug/L	<0.30	250	250	253	257	101	103	75-125	2	20	
Chromium, Dissolved	ug/L	<2.0	250	250	272	281	108	112	75-125	3	20	
Iron, Dissolved	ug/L	12600	10000	10000	23700	24500	111	119	75-125	3	20	
Lead, Dissolved	ug/L	<0.47	250	250	261	264	104	105	75-125	1	20	
Manganese, Dissolved	ug/L	505	250	250	779	809	110	122	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644206 2644207

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Selenium, Dissolved	ug/L	<0.63	250	250	266	269	106	107	75-125	1	20	
Silver, Dissolved	ug/L	<0.25	125	125	114	116	91	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 460479
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838020, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

METHOD BLANK: 2644238 Matrix: Water
Associated Lab Samples: 40269838020, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	10/28/23 15:22	
Barium, Dissolved	ug/L	<0.70	2.3	10/28/23 15:22	
Cadmium, Dissolved	ug/L	<0.15	1.0	10/28/23 15:22	
Chromium, Dissolved	ug/L	<1.0	3.4	10/28/23 15:22	
Iron, Dissolved	ug/L	<58.0	250	10/28/23 15:22	
Lead, Dissolved	ug/L	<0.24	1.0	10/28/23 15:22	
Manganese, Dissolved	ug/L	<1.2	4.0	10/28/23 15:22	
Selenium, Dissolved	ug/L	<0.32	1.1	10/28/23 15:22	
Silver, Dissolved	ug/L	<0.13	0.50	10/28/23 15:22	

LABORATORY CONTROL SAMPLE: 2644239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	263	105	80-120	
Barium, Dissolved	ug/L	250	257	103	80-120	
Cadmium, Dissolved	ug/L	250	264	106	80-120	
Chromium, Dissolved	ug/L	250	263	105	80-120	
Iron, Dissolved	ug/L	10000	10600	106	80-120	
Lead, Dissolved	ug/L	250	260	104	80-120	
Manganese, Dissolved	ug/L	250	265	106	80-120	
Selenium, Dissolved	ug/L	250	272	109	80-120	
Silver, Dissolved	ug/L	125	121	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2644240 2644241

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	0.79J	250	250	262	252	105	100	75-125	4	20	
Barium, Dissolved	ug/L	335	250	250	578	574	97	96	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.30	250	250	244	238	98	95	75-125	2	20	
Chromium, Dissolved	ug/L	<5.1	250	250	238	233	94	92	75-125	2	20	
Iron, Dissolved	ug/L	830J	10000	10000	10400	10100	96	93	75-125	3	20	
Lead, Dissolved	ug/L	<0.47	250	250	264	257	106	103	75-125	3	20	
Manganese, Dissolved	ug/L	1470	250	250	1690	1690	88	90	75-125	0	20	
Selenium, Dissolved	ug/L	<0.63	250	250	258	250	103	100	75-125	3	20	
Silver, Dissolved	ug/L	<0.25	125	125	102	99.2	82	79	75-125	3	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458301
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838021

METHOD BLANK: 2632367
Matrix: Water
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/27/23 08:29	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/27/23 08:29	
Benzene	ug/L	<0.30	1.0	10/27/23 08:29	
Ethylbenzene	ug/L	<0.33	1.0	10/27/23 08:29	
m&p-Xylene	ug/L	<0.70	2.0	10/27/23 08:29	
o-Xylene	ug/L	<0.35	1.0	10/27/23 08:29	
Toluene	ug/L	<0.29	1.0	10/27/23 08:29	
Xylene (Total)	ug/L	<1.0	3.0	10/27/23 08:29	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	10/27/23 08:29	
4-Bromofluorobenzene (S)	%	87	70-130	10/27/23 08:29	
Toluene-d8 (S)	%	95	70-130	10/27/23 08:29	

LABORATORY CONTROL SAMPLE: 2632368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.6	107	70-130	
Ethylbenzene	ug/L	50	50.4	101	80-125	
m&p-Xylene	ug/L	100	109	109	70-130	
o-Xylene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	47.7	95	80-120	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			90	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632369 2632370

Parameter	Units	40269838007 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	53.1	54.6	106	109	70-130	3	20	
Ethylbenzene	ug/L	<0.33	50	50	49.1	50.7	98	101	80-126	3	20	
m&p-Xylene	ug/L	<0.70	100	100	105	108	105	108	70-130	4	20	
o-Xylene	ug/L	<0.35	50	50	52.4	54.5	105	109	70-130	4	20	
Toluene	ug/L	<0.29	50	50	47.0	48.0	94	96	80-121	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632369 2632370

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Xylene (Total)	ug/L	<1.0	150	150	157	163	105	109	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						101	100	70-130			
4-Bromofluorobenzene (S)	%						90	93	70-130			
Toluene-d8 (S)	%						96	95	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458303
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269838020, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031, 40269838032, 40269838033, 40269838034

METHOD BLANK: 2632373 Matrix: Water
Associated Lab Samples: 40269838020, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031, 40269838032, 40269838033, 40269838034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/27/23 16:57	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/27/23 16:57	
Benzene	ug/L	<0.30	1.0	10/27/23 16:57	
Ethylbenzene	ug/L	<0.33	1.0	10/27/23 16:57	
m&p-Xylene	ug/L	<0.70	2.0	10/27/23 16:57	
o-Xylene	ug/L	<0.35	1.0	10/27/23 16:57	
Toluene	ug/L	<0.29	1.0	10/27/23 16:57	
Xylene (Total)	ug/L	<1.0	3.0	10/27/23 16:57	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	10/27/23 16:57	
4-Bromofluorobenzene (S)	%	110	70-130	10/27/23 16:57	
Toluene-d8 (S)	%	104	70-130	10/27/23 16:57	

LABORATORY CONTROL SAMPLE: 2632374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	55.7	111	70-130	
Ethylbenzene	ug/L	50	57.6	115	80-125	
m&p-Xylene	ug/L	100	113	113	70-130	
o-Xylene	ug/L	50	57.5	115	70-130	
Toluene	ug/L	50	55.6	111	80-120	
Xylene (Total)	ug/L	150	171	114	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			116	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632375 2632376

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	54.8	53.5	110	107	70-130	2	20	
Ethylbenzene	ug/L	<0.33	50	50	56.8	56.2	114	112	80-126	1	20	
m&p-Xylene	ug/L	<0.70	100	100	112	109	112	109	70-130	3	20	
o-Xylene	ug/L	<0.35	50	50	56.9	55.9	114	112	70-130	2	20	
Toluene	ug/L	<0.29	50	50	54.2	53.8	108	108	80-121	1	20	
Xylene (Total)	ug/L	<1.0	150	150	169	165	113	110	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						105	107	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632375 2632376

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						118	116	70-130			
Toluene-d8 (S)	%						103	102	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458137
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: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019

METHOD BLANK: 2631065
Matrix: Water
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	10/23/23 13:06	
2-Methylnaphthalene	ug/L	<0.014	0.050	10/23/23 13:06	
Acenaphthene	ug/L	<0.014	0.050	10/23/23 13:06	
Acenaphthylene	ug/L	<0.013	0.050	10/23/23 13:06	
Anthracene	ug/L	<0.018	0.050	10/23/23 13:06	
Benzo(a)anthracene	ug/L	<0.014	0.050	10/23/23 13:06	
Benzo(a)pyrene	ug/L	<0.013	0.050	10/23/23 13:06	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	10/23/23 13:06	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	10/23/23 13:06	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	10/23/23 13:06	
Chrysene	ug/L	<0.013	0.050	10/23/23 13:06	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	10/23/23 13:06	
Fluoranthene	ug/L	<0.026	0.050	10/23/23 13:06	
Fluorene	ug/L	<0.024	0.050	10/23/23 13:06	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	10/23/23 13:06	
Naphthalene	ug/L	<0.020	0.050	10/23/23 13:06	
Phenanthrene	ug/L	<0.026	0.050	10/23/23 13:06	
Pyrene	ug/L	<0.023	0.050	10/23/23 13:06	
2-Fluorobiphenyl (S)	%	83	38-120	10/23/23 13:06	
Terphenyl-d14 (S)	%	90	47-121	10/23/23 13:06	

LABORATORY CONTROL SAMPLE: 2631066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	69	57-120	
2-Methylnaphthalene	ug/L	2	1.3	67	55-120	
Acenaphthene	ug/L	2	1.4	72	60-120	
Acenaphthylene	ug/L	2	1.4	72	58-120	
Anthracene	ug/L	2	1.6	80	58-120	
Benzo(a)anthracene	ug/L	2	1.6	79	51-120	
Benzo(a)pyrene	ug/L	2	1.5	76	59-120	
Benzo(b)fluoranthene	ug/L	2	1.7	83	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.6	79	62-120	
Benzo(k)fluoranthene	ug/L	2	1.5	77	59-120	
Chrysene	ug/L	2	1.6	78	55-125	

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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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

LABORATORY CONTROL SAMPLE: 2631066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenz(a,h)anthracene	ug/L	2	1.6	81	60-120	
Fluoranthene	ug/L	2	1.6	78	62-120	
Fluorene	ug/L	2	1.5	74	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.6	79	62-120	
Naphthalene	ug/L	2	1.4	70	55-120	
Phenanthrene	ug/L	2	1.5	76	55-120	
Pyrene	ug/L	2	1.5	76	53-120	
2-Fluorobiphenyl (S)	%			81	38-120	
Terphenyl-d14 (S)	%			85	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2631067 2631068

Parameter	Units	40269838007 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	<0.018	2.1	2	1.5	1.5	70	75	32-120	1	25	
2-Methylnaphthalene	ug/L	<0.014	2.1	2	1.4	1.5	67	74	37-120	5	22	
Acenaphthene	ug/L	<0.014	2.1	2	1.5	1.5	71	78	52-120	4	20	
Acenaphthylene	ug/L	<0.013	2.1	2	1.5	1.5	71	76	49-120	1	20	
Anthracene	ug/L	<0.019	2.1	2	1.8	1.9	86	97	45-120	6	25	
Benzo(a)anthracene	ug/L	<0.014	2.1	2	1.4	1.4	68	72	31-120	0	25	
Benzo(a)pyrene	ug/L	<0.013	2.1	2	1.5	1.6	73	82	38-120	5	24	
Benzo(b)fluoranthene	ug/L	<0.0093	2.1	2	1.4	1.4	68	72	36-120	1	24	
Benzo(g,h,i)perylene	ug/L	<0.024	2.1	2	0.98	0.99	47	50	43-120	1	23	
Benzo(k)fluoranthene	ug/L	<0.023	2.1	2	1.6	1.7	78	85	46-120	3	21	
Chrysene	ug/L	<0.013	2.1	2	1.7	1.8	82	89	39-143	2	23	
Dibenz(a,h)anthracene	ug/L	<0.018	2.1	2	0.88	0.90	42	46	32-125	1	22	
Fluoranthene	ug/L	<0.027	2.1	2	1.7	1.8	83	90	56-120	1	21	
Fluorene	ug/L	<0.024	2.1	2	1.5	1.5	72	78	45-120	2	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	2.1	2	0.92	0.95	44	48	42-120	3	23	
Naphthalene	ug/L	0.033J	2.1	2	1.7	2.5	81	127	50-120	38	23	M1,R1
Phenanthrene	ug/L	<0.026	2.1	2	1.5	1.5	71	78	47-120	2	21	
Pyrene	ug/L	0.027J	2.1	2	1.6	1.6	75	81	47-120	1	23	
2-Fluorobiphenyl (S)	%						77	86	38-120			
Terphenyl-d14 (S)	%						81	87	47-121			

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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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458379
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: 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030

METHOD BLANK: 2632547 Matrix: Water
Associated Lab Samples: 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	10/24/23 12:49	
2-Methylnaphthalene	ug/L	<0.014	0.050	10/24/23 12:49	
Acenaphthene	ug/L	<0.014	0.050	10/24/23 12:49	
Acenaphthylene	ug/L	<0.013	0.050	10/24/23 12:49	
Anthracene	ug/L	<0.018	0.050	10/24/23 12:49	
Benzo(a)anthracene	ug/L	<0.014	0.050	10/24/23 12:49	
Benzo(a)pyrene	ug/L	<0.013	0.050	10/24/23 12:49	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	10/24/23 12:49	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	10/24/23 12:49	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	10/24/23 12:49	
Chrysene	ug/L	<0.013	0.050	10/24/23 12:49	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	10/24/23 12:49	
Fluoranthene	ug/L	<0.026	0.050	10/24/23 12:49	
Fluorene	ug/L	<0.024	0.050	10/24/23 12:49	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	10/24/23 12:49	
Naphthalene	ug/L	<0.020	0.050	10/24/23 12:49	
Phenanthrene	ug/L	<0.026	0.050	10/24/23 12:49	
Pyrene	ug/L	<0.023	0.050	10/24/23 12:49	
2-Fluorobiphenyl (S)	%	80	38-120	10/24/23 12:49	
Terphenyl-d14 (S)	%	89	47-121	10/24/23 12:49	

LABORATORY CONTROL SAMPLE: 2632548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.8	92	57-120	
2-Methylnaphthalene	ug/L	2	1.8	88	55-120	
Acenaphthene	ug/L	2	1.9	96	60-120	
Acenaphthylene	ug/L	2	1.9	97	58-120	
Anthracene	ug/L	2	2.5	125	58-120	L1
Benzo(a)anthracene	ug/L	2	1.9	95	51-120	
Benzo(a)pyrene	ug/L	2	2.2	108	59-120	
Benzo(b)fluoranthene	ug/L	2	2.1	107	52-120	
Benzo(g,h,i)perylene	ug/L	2	2.1	105	62-120	
Benzo(k)fluoranthene	ug/L	2	2.3	116	59-120	
Chrysene	ug/L	2	2.4	118	55-125	
Dibenz(a,h)anthracene	ug/L	2	2.1	107	60-120	
Fluoranthene	ug/L	2	2.3	117	62-120	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

LABORATORY CONTROL SAMPLE: 2632548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	2	2.0	98	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.1	103	62-120	
Naphthalene	ug/L	2	1.8	92	55-120	
Phenanthrene	ug/L	2	2.0	98	55-120	
Pyrene	ug/L	2	2.0	99	53-120	
2-Fluorobiphenyl (S)	%			106	38-120	
Terphenyl-d14 (S)	%			111	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632549 2632550

Parameter	Units	40269957006 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	<0.046	1.9	1.8	1.5	1.2	81	67	32-120	21	25	
2-Methylnaphthalene	ug/L	<0.046	1.9	1.8	1.5	1.2	80	66	37-120	21	22	
Acenaphthene	ug/L	0.77	1.9	1.8	2.5	2.0	93	69	52-120	21	20	R1
Acenaphthylene	ug/L	<0.046	1.9	1.8	1.7	1.4	90	74	49-120	22	20	R1
Anthracene	ug/L	<0.046	1.9	1.8	1.9	1.7	103	90	45-120	15	25	
Benzo(a)anthracene	ug/L	<0.046	1.9	1.8	2.3	2.3	124	122	31-120	3	25	M1
Benzo(a)pyrene	ug/L	<0.046	1.9	1.8	2.0	1.8	105	100	38-120	7	24	
Benzo(b)fluoranthene	ug/L	<0.046	1.9	1.8	2.3	2.2	124	122	36-120	4	24	M1
Benzo(g,h,i)perylene	ug/L	<0.046	1.9	1.8	2.4	2.3	126	124	43-120	4	23	M1
Benzo(k)fluoranthene	ug/L	<0.046	1.9	1.8	1.8	1.8	98	100	46-120	0	21	
Chrysene	ug/L	<0.046	1.9	1.8	1.9	1.8	101	100	39-143	3	23	
Dibenz(a,h)anthracene	ug/L	<0.046	1.9	1.8	2.3	2.3	123	123	32-125	2	22	
Fluoranthene	ug/L	<0.046	1.9	1.8	2.2	2.0	115	109	56-120	8	21	
Fluorene	ug/L	<0.046	1.9	1.8	1.9	1.5	98	82	45-120	21	20	R1
Indeno(1,2,3-cd)pyrene	ug/L	<0.046	1.9	1.8	2.4	2.3	126	124	42-120	4	23	M1
Naphthalene	ug/L	<0.046	1.9	1.8	1.5	1.2	78	64	50-120	21	23	
Phenanthrene	ug/L	<0.046	1.9	1.8	1.9	1.7	102	89	47-120	16	21	
Pyrene	ug/L	<0.046	1.9	1.8	1.9	1.8	101	95	47-120	8	23	
2-Fluorobiphenyl (S)	%						89	71	38-120			
Terphenyl-d14 (S)	%						113	110	47-121			

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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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458441
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: 40269838020, 40269838031

METHOD BLANK: 2632778 Matrix: Water
Associated Lab Samples: 40269838020, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	10/25/23 11:44	
2-Methylnaphthalene	ug/L	<0.014	0.050	10/25/23 11:44	
Acenaphthene	ug/L	<0.014	0.050	10/25/23 11:44	
Acenaphthylene	ug/L	<0.013	0.050	10/25/23 11:44	
Anthracene	ug/L	<0.018	0.050	10/25/23 11:44	
Benzo(a)anthracene	ug/L	<0.014	0.050	10/25/23 11:44	
Benzo(a)pyrene	ug/L	<0.013	0.050	10/25/23 11:44	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	10/25/23 11:44	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	10/25/23 11:44	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	10/25/23 11:44	
Chrysene	ug/L	<0.013	0.050	10/25/23 11:44	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	10/25/23 11:44	
Fluoranthene	ug/L	<0.026	0.050	10/25/23 11:44	
Fluorene	ug/L	<0.024	0.050	10/25/23 11:44	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	10/25/23 11:44	
Naphthalene	ug/L	<0.020	0.050	10/25/23 11:44	
Phenanthrene	ug/L	<0.026	0.050	10/25/23 11:44	
Pyrene	ug/L	<0.023	0.050	10/25/23 11:44	
2-Fluorobiphenyl (S)	%	90	38-120	10/25/23 11:44	
Terphenyl-d14 (S)	%	88	47-121	10/25/23 11:44	

LABORATORY CONTROL SAMPLE: 2632779

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	77	57-120	
2-Methylnaphthalene	ug/L	2	1.5	75	55-120	
Acenaphthene	ug/L	2	1.6	82	60-120	
Acenaphthylene	ug/L	2	1.7	83	58-120	
Anthracene	ug/L	2	1.8	90	58-120	
Benzo(a)anthracene	ug/L	2	2.0	98	51-120	
Benzo(a)pyrene	ug/L	2	1.9	94	59-120	
Benzo(b)fluoranthene	ug/L	2	2.0	100	52-120	
Benzo(g,h,i)perylene	ug/L	2	2.1	104	62-120	
Benzo(k)fluoranthene	ug/L	2	1.8	92	59-120	
Chrysene	ug/L	2	1.9	95	55-125	
Dibenz(a,h)anthracene	ug/L	2	2.1	103	60-120	
Fluoranthene	ug/L	2	2.0	102	62-120	
Fluorene	ug/L	2	1.7	86	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.1	103	62-120	

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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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

LABORATORY CONTROL SAMPLE: 2632779

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.6	79	55-120	
Phenanthrene	ug/L	2	1.8	90	55-120	
Pyrene	ug/L	2	1.6	82	53-120	
2-Fluorobiphenyl (S)	%			93	38-120	
Terphenyl-d14 (S)	%			94	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632780 2632781

Parameter	Units	40269838020 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	0.080	2	2	1.8	1.2	85	54	32-120	43	25	R1
2-Methylnaphthalene	ug/L	0.026J	2	2	1.8	1.1	87	55	37-120	44	22	R1
Acenaphthene	ug/L	0.021J	2	2	1.8	1.2	88	58	52-120	41	20	R1
Acenaphthylene	ug/L	<0.013	2	2	1.9	1.2	92	61	49-120	40	20	R1
Anthracene	ug/L	<0.019	2	2	2.0	1.3	100	66	45-120	41	25	R1
Benzo(a)anthracene	ug/L	0.018J	2	2	2.3	1.5	112	73	31-120	42	25	R1
Benzo(a)pyrene	ug/L	0.021J	2	2	2.0	1.3	96	63	38-120	42	24	R1
Benzo(b)fluoranthene	ug/L	0.054	2	2	2.2	1.5	109	71	36-120	41	24	R1
Benzo(g,h,i)perylene	ug/L	0.026J	2	2	2.2	1.6	110	77	43-120	35	23	R1
Benzo(k)fluoranthene	ug/L	0.024J	2	2	1.8	1.2	90	61	46-120	39	21	R1
Chrysene	ug/L	0.035J	2	2	1.9	1.2	90	59	39-143	41	23	R1
Dibenz(a,h)anthracene	ug/L	<0.018	2	2	2.3	1.6	112	79	32-125	35	22	R1
Fluoranthene	ug/L	0.070	2	2	2.3	1.5	111	69	56-120	45	21	R1
Fluorene	ug/L	<0.024	2	2	2.0	1.3	98	65	45-120	41	20	R1
Indeno(1,2,3-cd)pyrene	ug/L	0.022J	2	2	2.2	1.5	109	75	42-120	37	23	R1
Naphthalene	ug/L	0.26	2	2	1.9	1.2	80	47	50-120	43	23	M1,R1
Phenanthrene	ug/L	0.032J	2	2	2.1	1.3	102	65	47-120	44	21	R1
Pyrene	ug/L	0.053	2	2	1.9	1.3	93	60	47-120	42	23	R1
2-Fluorobiphenyl (S)	%						95	63	38-120			
Terphenyl-d14 (S)	%						100	68	47-121			

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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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458959
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: 40269838001, 40269838002, 40269838003, 40269838004

METHOD BLANK: 2636289 Matrix: Water
Associated Lab Samples: 40269838001, 40269838002, 40269838003, 40269838004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/01/23 15:50	

LABORATORY CONTROL SAMPLE: 2636290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	18.2	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636291 2636292

Parameter	Units	40269764003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	239	200	200	411	428	86	94	90-110	4	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636293 2636294

Parameter	Units	40269838004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	62.5	100	100	157	157	94	94	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458987
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: 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014

METHOD BLANK: 2636328
Matrix: Water
Associated Lab Samples: 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/01/23 10:05	

LABORATORY CONTROL SAMPLE: 2636329

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: 2636330 2636331

Parameter	Units	40269838007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	54.8	100	100	162	163	107	108	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 459200
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: 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

METHOD BLANK: 2637294
Matrix: Water
Associated Lab Samples: 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022, 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/02/23 23:30	

LABORATORY CONTROL SAMPLE: 2637295

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637296 2637297

Parameter	Units	40269838015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	303	1000	1000	1290	1270	99	97	90-110	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637298 2637299

Parameter	Units	40269838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	82.6	100	100	180	177	97	95	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458658
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: 40269838001, 40269838002

METHOD BLANK: 2634030 Matrix: Water
Associated Lab Samples: 40269838001, 40269838002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	10/26/23 14:09	

LABORATORY CONTROL SAMPLE: 2634031

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634032 2634033

Parameter	Units	40269721001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	2.4	12.5	12.5	13.8	13.6	91	90	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634034 2634035

Parameter	Units	40269838002 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	2.5	2.5	100	102	90-110	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458659
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: 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022

METHOD BLANK: 2634036
Matrix: Water
Associated Lab Samples: 40269838003, 40269838004, 40269838005, 40269838006, 40269838007, 40269838008, 40269838009, 40269838010, 40269838011, 40269838012, 40269838013, 40269838014, 40269838015, 40269838016, 40269838017, 40269838018, 40269838019, 40269838020, 40269838021, 40269838022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	10/26/23 14:40	

LABORATORY CONTROL SAMPLE: 2634037

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634038 2634039

Parameter	Units	40269838007 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	2.5	2.4	99	94	90-110	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634040 2634041

Parameter	Units	40269838020 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	2.5	2.5	101	100	90-110	1	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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

QC Batch: 458660
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: 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

METHOD BLANK: 2634042 Matrix: Water
Associated Lab Samples: 40269838023, 40269838024, 40269838025, 40269838026, 40269838027, 40269838028, 40269838029, 40269838030, 40269838031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	10/26/23 15:07	

LABORATORY CONTROL SAMPLE: 2634043

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: 2634044 2634045

Parameter	Units	40269838023 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	0.082J	2.5	2.5	2.6	2.6	101	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634046 2634047

Parameter	Units	40269964013 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	2.5	2.5	101	98	90-110	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

QUALIFIERS

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

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 - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H1	Analysis conducted outside the recognized method holding time.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
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.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269838001	**101623001**	EPA 8015B Modified	458799		
40269838002	**101623002**	EPA 8015B Modified	458799		
40269838003	**101723003**	EPA 8015B Modified	458910		
40269838004	**101723004**	EPA 8015B Modified	458910		
40269838005	**101723005**	EPA 8015B Modified	458910		
40269838006	**101723006**	EPA 8015B Modified	458910		
40269838007	**101723007**	EPA 8015B Modified	458910		
40269838008	**101723008**	EPA 8015B Modified	458910		
40269838009	**101723009**	EPA 8015B Modified	458910		
40269838010	**101723010**	EPA 8015B Modified	458910		
40269838011	**101723011**	EPA 8015B Modified	458910		
40269838012	**101723012**	EPA 8015B Modified	458910		
40269838013	**101723013**	EPA 8015B Modified	458910		
40269838014	**101723014**	EPA 8015B Modified	459016		
40269838015	**101723015**	EPA 8015B Modified	459016		
40269838016	**101723016**	EPA 8015B Modified	459016		
40269838017	**101723017**	EPA 8015B Modified	459016		
40269838018	**101723018**	EPA 8015B Modified	459016		
40269838019	**101723019**	EPA 8015B Modified	459016		
40269838020	**101823021**	EPA 8015B Modified	459016		
40269838021	**101823022**	EPA 8015B Modified	459016		
40269838022	**101823023**	EPA 8015B Modified	459016		
40269838023	**101823024**	EPA 8015B Modified	459016		
40269838024	**101823025**	EPA 8015B Modified	459016		
40269838025	**101823026**	EPA 8015B Modified	459016		
40269838026	**101823027**	EPA 8015B Modified	459016		
40269838027	**101823028**	EPA 8015B Modified	459016		
40269838028	**101823029**	EPA 8015B Modified	459158		
40269838029	**101823030**	EPA 8015B Modified	459158		
40269838030	**101823031**	EPA 8015B Modified	459158		
40269838031	**101923032**	EPA 8015B Modified	459158		
40269838001	**101623001**	EPA 3010A	460473	EPA 6020B	460546
40269838002	**101623002**	EPA 3010A	460473	EPA 6020B	460546
40269838003	**101723003**	EPA 3010A	460473	EPA 6020B	460546
40269838004	**101723004**	EPA 3010A	460473	EPA 6020B	460546
40269838005	**101723005**	EPA 3010A	460473	EPA 6020B	460546
40269838006	**101723006**	EPA 3010A	460473	EPA 6020B	460546
40269838007	**101723007**	EPA 3010A	460473	EPA 6020B	460546
40269838008	**101723008**	EPA 3010A	460473	EPA 6020B	460546
40269838009	**101723009**	EPA 3010A	460473	EPA 6020B	460546
40269838010	**101723010**	EPA 3010A	460473	EPA 6020B	460546
40269838011	**101723011**	EPA 3010A	460473	EPA 6020B	460546
40269838012	**101723012**	EPA 3010A	460473	EPA 6020B	460546
40269838013	**101723013**	EPA 3010A	460473	EPA 6020B	460546
40269838014	**101723014**	EPA 3010A	460473	EPA 6020B	460546
40269838015	**101723015**	EPA 3010A	460473	EPA 6020B	460546
40269838016	**101723016**	EPA 3010A	460473	EPA 6020B	460546

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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269838017	**101723017**	EPA 3010A	460473	EPA 6020B	460546
40269838018	**101723018**	EPA 3010A	460473	EPA 6020B	460546
40269838019	**101723019**	EPA 3010A	460473	EPA 6020B	460546
40269838020	**101823021**	EPA 3010A	460479	EPA 6020B	460547
40269838021	**101823022**	EPA 3010A	460473	EPA 6020B	460546
40269838022	**101823023**	EPA 3010A	460479	EPA 6020B	460547
40269838023	**101823024**	EPA 3010A	460479	EPA 6020B	460547
40269838024	**101823025**	EPA 3010A	460479	EPA 6020B	460547
40269838025	**101823026**	EPA 3010A	460479	EPA 6020B	460547
40269838026	**101823027**	EPA 3010A	460479	EPA 6020B	460547
40269838027	**101823028**	EPA 3010A	460479	EPA 6020B	460547
40269838028	**101823029**	EPA 3010A	460479	EPA 6020B	460547
40269838029	**101823030**	EPA 3010A	460479	EPA 6020B	460547
40269838030	**101823031**	EPA 3010A	460479	EPA 6020B	460547
40269838031	**101923032**	EPA 3010A	460479	EPA 6020B	460547
40269838001	**101623001**	EPA 7470	460445	EPA 7470	460453
40269838002	**101623002**	EPA 7470	460445	EPA 7470	460453
40269838003	**101723003**	EPA 7470	460445	EPA 7470	460453
40269838004	**101723004**	EPA 7470	460445	EPA 7470	460453
40269838005	**101723005**	EPA 7470	460445	EPA 7470	460453
40269838006	**101723006**	EPA 7470	460445	EPA 7470	460453
40269838007	**101723007**	EPA 7470	460445	EPA 7470	460453
40269838008	**101723008**	EPA 7470	460445	EPA 7470	460453
40269838009	**101723009**	EPA 7470	460445	EPA 7470	460453
40269838010	**101723010**	EPA 7470	460445	EPA 7470	460453
40269838011	**101723011**	EPA 7470	460445	EPA 7470	460453
40269838012	**101723012**	EPA 7470	460445	EPA 7470	460453
40269838013	**101723013**	EPA 7470	460445	EPA 7470	460453
40269838014	**101723014**	EPA 7470	460445	EPA 7470	460453
40269838015	**101723015**	EPA 7470	460445	EPA 7470	460453
40269838016	**101723016**	EPA 7470	460445	EPA 7470	460453
40269838017	**101723017**	EPA 7470	460445	EPA 7470	460453
40269838018	**101723018**	EPA 7470	460445	EPA 7470	460453
40269838019	**101723019**	EPA 7470	460445	EPA 7470	460453
40269838020	**101823021**	EPA 7470	460446	EPA 7470	460454
40269838021	**101823022**	EPA 7470	460446	EPA 7470	460454
40269838022	**101823023**	EPA 7470	460446	EPA 7470	460454
40269838023	**101823024**	EPA 7470	460446	EPA 7470	460454
40269838024	**101823025**	EPA 7470	460446	EPA 7470	460454
40269838025	**101823026**	EPA 7470	460446	EPA 7470	460454
40269838026	**101823027**	EPA 7470	460446	EPA 7470	460454
40269838027	**101823028**	EPA 7470	460446	EPA 7470	460454
40269838028	**101823029**	EPA 7470	460446	EPA 7470	460454
40269838029	**101823030**	EPA 7470	460446	EPA 7470	460454
40269838030	**101823031**	EPA 7470	460446	EPA 7470	460454
40269838031	**101923032**	EPA 7470	460446	EPA 7470	460454

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: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269838001	**101623001**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838002	**101623002**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838003	**101723003**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838004	**101723004**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838005	**101723005**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838006	**101723006**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838007	**101723007**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838008	**101723008**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838009	**101723009**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838010	**101723010**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838011	**101723011**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838012	**101723012**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838013	**101723013**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838014	**101723014**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838015	**101723015**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838016	**101723016**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838017	**101723017**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838018	**101723018**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838019	**101723019**	EPA 3510	458137	EPA 8270E by SIM	458191
40269838020	**101823021**	EPA 3510	458441	EPA 8270E by SIM	458492
40269838021	**101823022**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838022	**101823023**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838023	**101823024**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838024	**101823025**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838025	**101823026**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838026	**101823027**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838027	**101823028**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838028	**101823029**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838029	**101823030**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838030	**101823031**	EPA 3510	458379	EPA 8270E by SIM	458450
40269838031	**101923032**	EPA 3510	458441	EPA 8270E by SIM	458492
40269838001	**101623001**	EPA 8260	458301		
40269838002	**101623002**	EPA 8260	458301		
40269838003	**101723003**	EPA 8260	458301		
40269838004	**101723004**	EPA 8260	458301		
40269838005	**101723005**	EPA 8260	458301		
40269838006	**101723006**	EPA 8260	458301		
40269838007	**101723007**	EPA 8260	458301		
40269838008	**101723008**	EPA 8260	458301		
40269838009	**101723009**	EPA 8260	458301		
40269838010	**101723010**	EPA 8260	458301		
40269838011	**101723011**	EPA 8260	458301		
40269838012	**101723012**	EPA 8260	458301		
40269838013	**101723013**	EPA 8260	458301		
40269838014	**101723014**	EPA 8260	458301		
40269838015	**101723015**	EPA 8260	458301		
40269838016	**101723016**	EPA 8260	458301		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269838017	**101723017**	EPA 8260	458301		
40269838018	**101723018**	EPA 8260	458301		
40269838019	**101723019**	EPA 8260	458301		
40269838020	**101823021**	EPA 8260	458303		
40269838021	**101823022**	EPA 8260	458301		
40269838022	**101823023**	EPA 8260	458303		
40269838023	**101823024**	EPA 8260	458303		
40269838024	**101823025**	EPA 8260	458303		
40269838025	**101823026**	EPA 8260	458303		
40269838026	**101823027**	EPA 8260	458303		
40269838027	**101823028**	EPA 8260	458303		
40269838028	**101823029**	EPA 8260	458303		
40269838029	**101823030**	EPA 8260	458303		
40269838030	**101823031**	EPA 8260	458303		
40269838031	**101923032**	EPA 8260	458303		
40269838032	**101923033**	EPA 8260	458303		
40269838033	**101923034**	EPA 8260	458303		
40269838034	**101923035**	EPA 8260	458303		
40269838001	**101623001**	EPA 300.0	458959		
40269838002	**101623002**	EPA 300.0	458959		
40269838003	**101723003**	EPA 300.0	458959		
40269838004	**101723004**	EPA 300.0	458959		
40269838005	**101723005**	EPA 300.0	458987		
40269838006	**101723006**	EPA 300.0	458987		
40269838007	**101723007**	EPA 300.0	458987		
40269838008	**101723008**	EPA 300.0	458987		
40269838009	**101723009**	EPA 300.0	458987		
40269838010	**101723010**	EPA 300.0	458987		
40269838011	**101723011**	EPA 300.0	458987		
40269838012	**101723012**	EPA 300.0	458987		
40269838013	**101723013**	EPA 300.0	458987		
40269838014	**101723014**	EPA 300.0	458987		
40269838015	**101723015**	EPA 300.0	459200		
40269838016	**101723016**	EPA 300.0	459200		
40269838017	**101723017**	EPA 300.0	459200		
40269838018	**101723018**	EPA 300.0	459200		
40269838019	**101723019**	EPA 300.0	459200		
40269838020	**101823021**	EPA 300.0	459200		
40269838021	**101823022**	EPA 300.0	459200		
40269838022	**101823023**	EPA 300.0	459200		
40269838023	**101823024**	EPA 300.0	459200		
40269838024	**101823025**	EPA 300.0	459200		
40269838025	**101823026**	EPA 300.0	459200		
40269838026	**101823027**	EPA 300.0	459200		
40269838027	**101823028**	EPA 300.0	459200		
40269838028	**101823029**	EPA 300.0	459200		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70712 Green Bay Former MGP
Pace Project No.: 40269838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269838029	**101823030**	EPA 300.0	459200		
40269838030	**101823031**	EPA 300.0	459200		
40269838031	**101923032**	EPA 300.0	459200		
40269838001	**101623001**	EPA 353.2	458658		
40269838002	**101623002**	EPA 353.2	458658		
40269838003	**101723003**	EPA 353.2	458659		
40269838004	**101723004**	EPA 353.2	458659		
40269838005	**101723005**	EPA 353.2	458659		
40269838006	**101723006**	EPA 353.2	458659		
40269838007	**101723007**	EPA 353.2	458659		
40269838008	**101723008**	EPA 353.2	458659		
40269838009	**101723009**	EPA 353.2	458659		
40269838010	**101723010**	EPA 353.2	458659		
40269838011	**101723011**	EPA 353.2	458659		
40269838012	**101723012**	EPA 353.2	458659		
40269838013	**101723013**	EPA 353.2	458659		
40269838014	**101723014**	EPA 353.2	458659		
40269838015	**101723015**	EPA 353.2	458659		
40269838016	**101723016**	EPA 353.2	458659		
40269838017	**101723017**	EPA 353.2	458659		
40269838018	**101723018**	EPA 353.2	458659		
40269838019	**101723019**	EPA 353.2	458659		
40269838020	**101823021**	EPA 353.2	458659		
40269838021	**101823022**	EPA 353.2	458659		
40269838022	**101823023**	EPA 353.2	458659		
40269838023	**101823024**	EPA 353.2	458660		
40269838024	**101823025**	EPA 353.2	458660		
40269838025	**101823026**	EPA 353.2	458660		
40269838026	**101823027**	EPA 353.2	458660		
40269838027	**101823028**	EPA 353.2	458660		
40269838028	**101823029**	EPA 353.2	458660		
40269838029	**101823030**	EPA 353.2	458660		
40269838030	**101823031**	EPA 353.2	458660		
40269838031	**101923032**	EPA 353.2	458660		

QC: HSWalters 10/19/23

Pace® Location Requested (City/State)

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

CHAIN-OF-CUSTODY Analytical Request Document

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40269838

LOG 0010

Scan QR Code for instructions

Company Name.	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To	Staci Goetz
Street Address	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204	Phone #.	414-335-3563
		E-Mail	staci goetz@ramboll com
		Cc E-Mail	
Customer Project #		Invoice To	Accounts - WEC
Project Name	70712 Green Bay Former MGP	Invoice E-Mail	invoicecollector@wecenergygroup com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable).	
		Quote #	
Time Zone Collected [ ] AK [ ] PT [ ] MT [x] CT [ ] ET		County / State origin of sample(s)	Wisconsin
Data Deliverables [ ] Level II [ ] Level III [x] Level IV [ ] EQUIS [ ] Other_____		Regulatory Program (DW, RCRA, etc) as applicable	
		Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other_____	DW PWSID # or WW Permit # as applicable
		Date Results Requested.	Field Filtered (if applicable) [ ] Yes [ ] No Analysis

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

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

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

Lab Use Only

Proj. Mgr: Brian Basten
AcctNum / Client ID:
Table #:
Profile / Template: 4543 #15
Prelog / Bottle Ord. ID: EZ 3009426

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res. Cl2	Number & Type of Containers Plastic	Glass	353.2 Nitrogen, NO2/NO3 pres	6020 As,Ba,Cd,Cr,Pb,Hg,Se,Ag,Fe,Mn Diss	7470 Mercury, Diss	8260 MSV UST	8270E MSSV PAH	Methane	Sulfate	Trip Blank	Sample Comment	Preservation non-conformance identified for sample
101623001	WT	G	10.16	1530				4	8	X	X	X	X	X	X	X		Screen 001	
101623002	WT		10.16	1623				4	8	X	X	X	X	X	X	X		002	
101723003	WT		10.17	0717				4	8	X	X	X	X	X	X	X		003	
101723004	WT			0820				4	8	X	X	X	X	X	X	X		004	
101723005	WT			0951				4	8	X	X	X	X	X	X	X		005	
101723006	WT			1022				4	8	X	X	X	X	X	X	X		006	
101723007	WT			1104				12	24	X	X	X	X	X	X	X		MS/MSD 007	
101723008	WT			1208				4	8	X	X	X	X	X	X	X		008	
101723009	WT			1238				4	8	X	X	X	X	X	X	X		009	
101723010	WT			1313				4	8	X	X	X	X	X	X	X		010	

Customer Remarks / Special Conditions / Possible Hazards:

Collected By.
Printed Name. Hailey Walters
Signature HSWalters

Additional Instructions from Pace®:

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

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number:
Emily Ruder Ramboll	10.19.23 0815	PACE	10/19/23 8:45 Am	
Relinquished by/Company (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time.	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company (Signature)	Date/Time.	Received by/Company (Signature)	Date/Time	Page: 1 of

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

ENV-FRM-CORQ-0019_v01_082123 ©

Dropped at Pace

QC: HJwalters 10/19/23

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

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COC020

Scan QR Code for instructions

Company Name	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To	Staci Goetz
Street Address	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204	Phone #	414-335-3563
		E-Mail	staci goetz@ramboll com
		Cc E-Mail	
Customer Project #		Invoice To	Accounts - WEC
Project Name	70712 Green Bay Former MGP	Invoice E-Mail	invoicecollector@wecenergygroup.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable)	
		Quote #	
Time Zone Collected	[ ] AK [ ] PT [ ] MT [x] CT [ ] ET	County / State origin of sample(s)	Wisconsin
Data Deliverables	[ ] Level II [ ] Level III [x] Level IV [ ] EQUIS [ ] Other_____	Regulatory Program (DW, RCRA, etc) as applicable	
		Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other_____	DW PWSID # or WW Permit # as applicable
		Date Results Requested.	Field Filtered (if applicable) [ ] Yes [ ] No Analysis

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

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

Lab Use Only: Proj. Mgr: Brian Basten; AcctNum / Client ID:; Table #:; Profile / Template: 4543 #15; Prelog / Bottle Ord. ID: EZ 3009426

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. CL2	Number & Type of Containers Plastic	Number & Type of Containers Glass	353.2 Nitrogen, NO2/NO3 pres	6020 As,Ba,Cd,Cr,Pb,Hg,Se,Ag,Fe,Mn	7470 Mercury	8260 MSV UST	8270E MSSV PAH	Methane	Sulfate	Trip Blank			Sample Comment
101723011	WT	G	10-17	1318				4	8	X	X	X	X	X	X	X				011
101723012	WT			1359				4	8	X	X	X	X	X	X	X				012
101723013	WT			1434				4	8	X	X	X	X	X	X	X				013
101723014	WT			1516		ERR		4	8	X	X	X	X	X	X	X				014
101723015	WT			1620				4	8	X	X	X	X	X	X	X				015
101723016	WT			1625				4	8	X	X	X	X	X	X	X				016
101723017	WT			1703				4	8	X	X	X	X	X	X	X				017
101723018	WT			1750				4	8	X	X	X	X	X	X	X				018
101723019	WT			1816				4	8	X	X	X	X	X	X	X				019
~~101723020 EB1~~	WT							4	8	X	X	X	X	X	X	X				

Customer Remarks / Special Conditions / Possible Hazards:

Collected By:
Printed Name: Hailey Walters
Signature: HJwalters

Additional Instructions from Pace®

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

Relinquished by/Company (Signature) Emily Ryder Ramboll	Date/Time 10.19.23 0815	Received by/Company. (Signature) PACE	Date/Time 10/19 0815	Tracking Number:
Relinquished by/Company (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Delivered by. [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of

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

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Dropped at Pace

QC: HJWalters 10/19/23

Pace® Location Requested (City/State)

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

40269838

COC030

Scan QR Code for instructions

Company Name	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To	Staci Goetz
Street Address	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204	Phone #.	414-335-3563
		E-Mail	staci goetz@ramboll.com
		Cc E-Mail	
Customer Project #		Invoice To.	Accounts - WEC
Project Name.	70712 Green Bay Former MGP	Invoice E-Mail	invoicecollector@wecenergygroup.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable)	
		Quote #	
Time Zone Collected	[ ] AK [ ] PT [ ] MT [x] CT [ ] ET	County / State origin of sample(s)	Wisconsin
Data Deliverables	[ ] Level II [ ] Level III [x] Level IV [ ] EQUIS [ ] Other_____	Regulatory Program (DW, RCRA, etc) as applicable	
		Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other_____	DW PWSID # or WW Permit # as applicable
		Date Results Requested.	Field Filtered (if applicable) [ ] Yes [ ] No Analysis

Specify Container Size **

Identify Container Preservative Type***

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

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. Cl2	Number & Type of Containers Plastic	Number & Type of Containers Glass	353.2 Nitrogen, NO2/NO3 pres	6020 As,Ba,Cd,Cr,Pb,Hg,Se,Ag,Fe,Mn	7470 Mercury	8260 MSV UST	8270E MSSV PAH	Methane	Sulfate	Trip Blank			Sample Comment
101823021	WT	G	10.18	0811				12	24	X	X	X	X	X	X	X				MSMSD 2 070
101823022	WT			1000				4	8	X	X	X	X	X	X	X				071
101823023	WT			1005				4	8	X	X	X	X	X	X	X				072
101823024	WT			1055				4	8	X	X	X	X	X	X	X				073
101823025	WT			1127				4	8	X	X	X	X	X	X	X				Screen 074
101823026	WT			1159				4	8	X	X	X	X	X	X	X				075
101823027	WT			1229				4	8	X	X	X	X	X	X	X				076
101823028	WT			1346				4	8	X	X	X	X	X	X	X				077
101823029	WT			1425				4	8	X	X	X	X	X	X	X				078
101823030	WT			1613				4	8	X	X	X	X	X	X	X				079

ERR

Lab Use Only
Proj. Mgr: Brian Basten
AcctNum / Client ID:
Table #:
Profile / Template: 4543 #15
Prelog / Bottle Ord. ID: EZ 3009426

Preservation non-conformance identified for sample

Customer Remarks / Special Conditions / Possible Hazards:

Collected By
Printed Name: Hailey Walters
Signature: HJWalters

Additional Instructions from Pace®.

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

Relinquished by/Company (Signature) Emily Ruder Ramboll	Date/Time 10.19.23 0815	Received by/Company (Signature) Cindy Sey PACE	Date/Time 10/19/23 0815	Tracking Number:
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of

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Dropped at Pace

QC: HgWalters 10/19/23

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

40269838

Scan QR Code for instructions

Company Name	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To	Staci Goetz
Street Address	234 W Florida Street, Fifth Floor Milwaukee, WI 53204	Phone #	414-335-3563
		E-Mail	staci goetz@ramboll.com
		Cc E-Mail	
Customer Project #		Invoice To	Accounts - WEC
Project Name	70712 Green Bay Former MGP	Invoice E-Mail	invoicecollector@wecenergygroup.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable)	
		Quote #	
Time Zone Collected	[ ] AK [ ] PT [ ] MT [x] CT [ ] ET	County / State origin of sample(s)	Wisconsin
Data Deliverables	[ ] Level II [ ] Level III [x] Level IV [ ] EQUIS [ ] Other_____	Regulatory Program (DW, RCRA, etc) as applicable	
		Rush (Pre-approval required). [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other_____	DW PWSID # or WW Permit # as applicable.
		Date Results Requested.	Field Filtered (if applicable). [ ] Yes [ ] No Analysis

Specify Container Size **

Identify Container Preservative Type***

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

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

Lab Use Only: Proj. Mgr: Brian Basten; AcctNum / Client ID:; Table #:; Profile / Template: 4543 #15; Prelog / Bottle Ord. ID: EZ 3009426

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. Cl2	Number & Type of Containers Plastic	Number & Type of Containers Glass	353.2 Nitrogen, NO2/NO3 pres	6020 As,Ba,Cd,Cr,Pb,Hg,Se,Ag,Fe,Mn	7470 Mercury	8260 MSV UST	8270E MSSV PAH	Methane	Sulfate	Trip Blank			Sample Comment	Preservation non-conformance identified for sample
101823031	WT	G	10.18	1718				4	8	X	X	X	X	X	X	X				030	
101923032	WT		10.19	0759				4	8	X	X	X	X	X	X	X				031	
TB01	WT			-					2	X	X	X	X	X	X	X	X			032	
TB02	WT			-					2	X	X	X	X	X	X	X	X			033	
TB03	WT			-					2	X	X	X	X	X	X	X	X			034	
	WT									X	X	X	X	X	X	X					
	WT									X	X	X	X	X	X	X					
	WT									X	X	X	X	X	X	X					
	WT									X	X	X	X	X	X	X					
	WT									X	X	X	X	X	X	X					

ERR

Customer Remarks / Special Conditions / Possible Hazards.

Collected By Printed Name: Hailey Walters
Signature: HgWalters

Additional Instructions from Pace®:

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

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number:
Emily Ruder Ramboll	10.19.23 0815		10-19-23 0815	
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of

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Dropped at Pace

Sample Preservation Receipt Form

Client Name: Rambol

Project # 402609838

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

Lab Lot# of pH paper. 100273 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: [illegible] Date/ Time.

	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)
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							
001					2			1			2						6												X			X		2.5 / 5
002					2			1			2						6												X			X		2.5 / 5
003					2	10/19/23					2						6												X			X		2.5 / 5
004					2	SC					2						6											1	X			X		2.5 / 5
005					2						2						6												X			X		2.5 / 5
006					2						2						6												X			X		2.5 / 5
007					6	10/19/23		3	3		6	3					18												X			X		2.5 / 5
008					2	SC					2						6											1	X			X		2.5 / 5
009					2						2						6											1	X			X		2.5 / 5
010					2						2						6											1	X			X		2.5 / 5
011					2						2						6											1	X			X		2.5 / 5
012					2						2						6												X			X		2.5 / 5
013					2						2						6												X			X		2.5 / 5
014					2						2						6												X			X		2.5 / 5
015					2						2						6												X			X		2.5 / 5
016					2						2						6												X			X		2.5 / 5
017					2						2						6												X			X		2.5 / 5
018					2						2						6												X			X		2.5 / 5
019					2						2						6												X			X		2.5 / 5
020					6				3		6	3					18												X			X		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	

Page 1 of 3

Client Name: Ramboll

Sample Preservation Receipt Form

Project #: 402609838

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							
021					2						2						6												X			X		2.5 / 5
022					2						2						6											2	X			X		2.5 / 5
023					2						2						6												X			X		2.5 / 5
024					2						2						6												X			X		2.5 / 5
025					2						2						6												X			X		2.5 / 5
026					2						2						6												X			X		2.5 / 5
027					2						2						6												X			X		2.5 / 5
028					2						2						6												X			X		2.5 / 5
029					2						2						6												X			X		2.5 / 5
030					2						2						6												X			X		2.5 / 5
031					2						2						6												X			X		2.5 / 5
032																	2																	2.5 / 5
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045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

10/19/1386

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40269838

40269838

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 - 109 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 2.0 /Corr: 2.0

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

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

Person examining contents:
Date: 10/19/22 Initials: SG

Labeled By Initials: EZ

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☑Yes ☐No ☐N/A		8.
Correct Containers Used:	☑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. 10/19/2286
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☑No ☐N/A	12. 015 time "1520" 016 time "1525" 10/19/2286
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 506		

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 3 of 3

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

December 12, 2023

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

RE: Project: Former Green Bay MGP
Pace Project No.: 40271606

Dear Staci Goetz:

Enclosed are the analytical results for sample(s) received by the laboratory on November 30, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: ERIC BAUER, Ramboll
NRT Data, Ramboll
Abigail Small, Ramboll
Dan Vachon, Ramboll

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

CERTIFICATIONS

Project: Former Green Bay MGP
Pace Project No.: 40271606

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: Former Green Bay MGP
Pace Project No.: 40271606

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40271606001	**113023001**	Water	11/30/23 10:35	11/30/23 17:15
40271606002	**113023002**	Water	11/30/23 11:25	11/30/23 17:15
40271606003	**113023003**	Water	11/30/23 12:20	11/30/23 17:15
40271606004	**113023004**	Water	11/30/23 13:30	11/30/23 17:15
40271606005	**113023005**	Water	11/30/23 13:35	11/30/23 17:15
40271606006	**113023006**	Water	11/30/23 14:25	11/30/23 17:15
40271606007	**113023007**	Water	11/30/23 14:55	11/30/23 17:15
40271606008	**113023008**	Water	11/30/23 15:00	11/30/23 17:15
40271606009	**113023009**	Water	11/30/23 16:15	11/30/23 17:15
40271606010	**113023010**	Water	11/30/23 00:00	11/30/23 17:15

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SAMPLE ANALYTE COUNT

Project: Former Green Bay MGP
Pace Project No.: 40271606

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40271606001	**113023001**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606002	**113023002**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606003	**113023003**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606004	**113023004**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606005	**113023005**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606006	**113023006**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606007	**113023007**	EPA 6020B	KXS	9

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SAMPLE ANALYTE COUNT

Project: Former Green Bay MGP
Pace Project No.: 40271606

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606008	**113023008**	EPA 8260	NB	11
40271606009	**113023009**	EPA 6020B	KXS	9
		EPA 7470	AJT	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	11
		EPA 300.0	HMB	1
		EPA 353.2	MT	1
40271606010	**113023010**	EPA 8260	NB	11

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
8 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: 461762

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

- 113023001 (Lab ID: 40271606001)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 113023002 (Lab ID: 40271606002)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

Analyte Comments:

QC Batch: 461762

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

- 113023002 (Lab ID: 40271606002)
  - Lead, Dissolved
- 113023003 (Lab ID: 40271606003)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Iron, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 113023004 (Lab ID: 40271606004)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Selenium, Dissolved
- 113023005 (Lab ID: 40271606005)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Selenium, Dissolved
- 113023006 (Lab ID: 40271606006)
  - Silver, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved
- 113023007 (Lab ID: 40271606007)
  - Silver, Dissolved
  - Arsenic, Dissolved
  - Cadmium, Dissolved
  - Chromium, Dissolved
  - Lead, Dissolved
  - Selenium, Dissolved

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 7470**
Description: 7470 Mercury, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
8 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.

QC Batch: 462173

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40271606007

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

- MS (Lab ID: 2652569)
  - Mercury, Dissolved
- MSD (Lab ID: 2652570)
  - Mercury, Dissolved

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
8 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: 462022

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40271573006

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

- MS (Lab ID: 2651797)
  - 1-Methylnaphthalene
  - Benzo(g,h,i)perylene
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene
- MSD (Lab ID: 2651798)
  - 1-Methylnaphthalene
  - Benzo(g,h,i)perylene
  - Dibenz(a,h)anthracene

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

QC Batch: 462022

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40271573006

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

- Indeno(1,2,3-cd)pyrene

QC Batch: 462039

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40271606007

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

- MS (Lab ID: 2651829)
  - Benzo(b)fluoranthene
  - Fluoranthene
  - Phenanthrene
  - Pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2651830)
  - Benzo(b)fluoranthene
  - Chrysene
  - Fluoranthene
  - Phenanthrene
  - Pyrene

Additional Comments:

Analyte Comments:

QC Batch: 462022

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

- MS (Lab ID: 2651797)
  - Naphthalene
- MSD (Lab ID: 2651798)
  - Naphthalene

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

- MS (Lab ID: 2651797)
  - 1-Methylnaphthalene

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
10 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: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
8 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:

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PROJECT NARRATIVE

Project: Former Green Bay MGP
Pace Project No.: 40271606

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: December 12, 2023

General Information:
8 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: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023001 **Lab ID: 40271606001** Collected: 11/30/23 10:35 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**6.1**	ug/L	5.0	1.4	5	12/04/23 05:19	12/07/23 05:25	7440-38-2	
Barium, Dissolved	**39.4**	ug/L	11.6	3.5	5	12/04/23 05:19	12/07/23 05:25	7440-39-3	
Cadmium, Dissolved	**<0.76**	ug/L	5.0	0.76	5	12/04/23 05:19	12/07/23 05:25	7440-43-9	D3
Chromium, Dissolved	**<5.1**	ug/L	17.0	5.1	5	12/04/23 05:19	12/07/23 05:25	7440-47-3	D3
Iron, Dissolved	**4820**	ug/L	1250	290	5	12/04/23 05:19	12/07/23 05:25	7439-89-6	
Lead, Dissolved	**<1.2**	ug/L	5.0	1.2	5	12/04/23 05:19	12/07/23 05:25	7439-92-1	D3
Manganese, Dissolved	**682**	ug/L	20.2	6.1	5	12/04/23 05:19	12/07/23 05:25	7439-96-5	
Selenium, Dissolved	**1.9J**	ug/L	5.3	1.6	5	12/04/23 05:19	12/07/23 05:25	7782-49-2	D3
Silver, Dissolved	**<0.64**	ug/L	2.5	0.64	5	12/04/23 05:19	12/07/23 05:25	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:03	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**177**	ug/L	5.0	1.4	10	12/06/23 08:19	12/06/23 21:38	83-32-9	
Acenaphthylene	**87.7**	ug/L	5.0	1.3	10	12/06/23 08:19	12/06/23 21:38	208-96-8	
Anthracene	**101**	ug/L	5.0	1.8	10	12/06/23 08:19	12/06/23 21:38	120-12-7	
Benzo(a)anthracene	**49.5**	ug/L	5.0	1.4	10	12/06/23 08:19	12/06/23 21:38	56-55-3	
Benzo(a)pyrene	**22.0**	ug/L	5.0	1.3	10	12/06/23 08:19	12/06/23 21:38	50-32-8	
Benzo(b)fluoranthene	**22.9**	ug/L	5.0	0.91	10	12/06/23 08:19	12/06/23 21:38	205-99-2	
Benzo(g,h,i)perylene	**5.8**	ug/L	5.0	2.3	10	12/06/23 08:19	12/06/23 21:38	191-24-2	
Benzo(k)fluoranthene	**7.0**	ug/L	5.0	2.2	10	12/06/23 08:19	12/06/23 21:38	207-08-9	
Chrysene	**42.2**	ug/L	5.0	1.3	10	12/06/23 08:19	12/06/23 21:38	218-01-9	
Dibenz(a,h)anthracene	**<1.8**	ug/L	5.0	1.8	10	12/06/23 08:19	12/06/23 21:38	53-70-3	
Fluoranthene	**102**	ug/L	5.0	2.6	10	12/06/23 08:19	12/06/23 21:38	206-44-0	
Fluorene	**178**	ug/L	5.0	2.4	10	12/06/23 08:19	12/06/23 21:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**3.7J**	ug/L	5.0	1.6	10	12/06/23 08:19	12/06/23 21:38	193-39-5	
1-Methylnaphthalene	**494**	ug/L	5.0	1.8	10	12/06/23 08:19	12/06/23 21:38	90-12-0	
2-Methylnaphthalene	**507**	ug/L	5.0	1.4	10	12/06/23 08:19	12/06/23 21:38	91-57-6	
Naphthalene	**1390**	ug/L	5.0	2.0	10	12/06/23 08:19	12/06/23 21:38	91-20-3	
Phenanthrene	**472**	ug/L	5.0	2.6	10	12/06/23 08:19	12/06/23 21:38	85-01-8	
Pyrene	**138**	ug/L	5.0	2.3	10	12/06/23 08:19	12/06/23 21:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	38-120		10	12/06/23 08:19	12/06/23 21:38	321-60-8	
Terphenyl-d14 (S)	77	%	47-121		10	12/06/23 08:19	12/06/23 21:38	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**780**	ug/L	5.0	1.5	5		12/05/23 11:22	71-43-2	
Ethylbenzene	**137**	ug/L	1.0	0.33	1		12/04/23 20:48	100-41-4	
Toluene	**60.3**	ug/L	1.0	0.29	1		12/04/23 20:48	108-88-3	
1,2,4-Trimethylbenzene	**40.6**	ug/L	1.0	0.45	1		12/04/23 20:48	95-63-6	
1,3,5-Trimethylbenzene	**10.2**	ug/L	1.0	0.36	1		12/04/23 20:48	108-67-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023001 **Lab ID: 40271606001** Collected: 11/30/23 10:35 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**246**	ug/L	3.0	1.0	1		12/04/23 20:48	1330-20-7	
m&p-Xylene	**150**	ug/L	2.0	0.70	1		12/04/23 20:48	179601-23-1	
o-Xylene	**95.3**	ug/L	1.0	0.35	1		12/04/23 20:48	95-47-6	
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		12/04/23 20:48	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		12/04/23 20:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/04/23 20:48	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		12/07/23 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	**0.079J**	mg/L	0.25	0.059	1		12/05/23 12:40		

Sample: 113023002 **Lab ID: 40271606002** Collected: 11/30/23 11:25 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**11.3**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 05:40	7440-38-2	
Barium, Dissolved	**50.9**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 05:40	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 05:40	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 05:40	7440-47-3	D3
Iron, Dissolved	**2030**	ug/L	500	116	2	12/04/23 05:19	12/07/23 05:40	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 05:40	7439-92-1	D3
Manganese, Dissolved	**328**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 05:40	7439-96-5	
Selenium, Dissolved	**9.1**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 05:40	7782-49-2	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 05:40	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:06	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**0.19**	ug/L	0.054	0.015	1	12/06/23 08:19	12/06/23 21:01	83-32-9	
Acenaphthylene	**0.12**	ug/L	0.054	0.014	1	12/06/23 08:19	12/06/23 21:01	208-96-8	
Anthracene	**0.12**	ug/L	0.054	0.020	1	12/06/23 08:19	12/06/23 21:01	120-12-7	
Benzo(a)anthracene	**0.23**	ug/L	0.054	0.015	1	12/06/23 08:19	12/06/23 21:01	56-55-3	
Benzo(a)pyrene	**0.30**	ug/L	0.054	0.014	1	12/06/23 08:19	12/06/23 21:01	50-32-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023002 **Lab ID: 40271606002** Collected: 11/30/23 11:25 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Benzo(b)fluoranthene	**0.62**	ug/L	0.054	0.0098	1	12/06/23 08:19	12/06/23 21:01	205-99-2	
Benzo(g,h,i)perylene	**0.35**	ug/L	0.054	0.025	1	12/06/23 08:19	12/06/23 21:01	191-24-2	
Benzo(k)fluoranthene	**0.20**	ug/L	0.054	0.024	1	12/06/23 08:19	12/06/23 21:01	207-08-9	
Chrysene	**0.43**	ug/L	0.054	0.014	1	12/06/23 08:19	12/06/23 21:01	218-01-9	
Dibenz(a,h)anthracene	**0.054**	ug/L	0.054	0.019	1	12/06/23 08:19	12/06/23 21:01	53-70-3	
Fluoranthene	**0.92**	ug/L	0.054	0.028	1	12/06/23 08:19	12/06/23 21:01	206-44-0	
Fluorene	**0.17**	ug/L	0.054	0.025	1	12/06/23 08:19	12/06/23 21:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.25**	ug/L	0.054	0.017	1	12/06/23 08:19	12/06/23 21:01	193-39-5	
1-Methylnaphthalene	**0.094**	ug/L	0.054	0.019	1	12/06/23 08:19	12/06/23 21:01	90-12-0	
2-Methylnaphthalene	**0.12**	ug/L	0.054	0.015	1	12/06/23 08:19	12/06/23 21:01	91-57-6	
Naphthalene	**1.1**	ug/L	0.054	0.021	1	12/06/23 08:19	12/06/23 21:01	91-20-3	
Phenanthrene	**0.46**	ug/L	0.054	0.028	1	12/06/23 08:19	12/06/23 21:01	85-01-8	
Pyrene	**0.79**	ug/L	0.054	0.024	1	12/06/23 08:19	12/06/23 21:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	38-120		1	12/06/23 08:19	12/06/23 21:01	321-60-8	
Terphenyl-d14 (S)	88	%	47-121		1	12/06/23 08:19	12/06/23 21:01	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**661**	ug/L	5.0	1.5	5		12/05/23 12:18	71-43-2	
Ethylbenzene	**6.8**	ug/L	1.0	0.33	1		12/04/23 21:07	100-41-4	
Toluene	**44.6**	ug/L	1.0	0.29	1		12/04/23 21:07	108-88-3	
1,2,4-Trimethylbenzene	**6.3**	ug/L	1.0	0.45	1		12/04/23 21:07	95-63-6	
1,3,5-Trimethylbenzene	**3.8**	ug/L	1.0	0.36	1		12/04/23 21:07	108-67-8	
Xylene (Total)	**67.1**	ug/L	3.0	1.0	1		12/04/23 21:07	1330-20-7	
m&p-Xylene	**37.3**	ug/L	2.0	0.70	1		12/04/23 21:07	179601-23-1	
o-Xylene	**29.8**	ug/L	1.0	0.35	1		12/04/23 21:07	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		12/04/23 21:07	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		12/04/23 21:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		12/04/23 21:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**405**	mg/L	40.0	8.9	20		12/07/23 16:09	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.18J**	mg/L	0.25	0.059	1		12/05/23 12:41		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023003 **Lab ID: 40271606003** Collected: 11/30/23 12:20 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.2J**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 05:47	7440-38-2	D3
Barium, Dissolved	**61.7**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 05:47	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 05:47	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 05:47	7440-47-3	D3
Iron, Dissolved	**499J**	ug/L	500	116	2	12/04/23 05:19	12/07/23 05:47	7439-89-6	D3
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 05:47	7439-92-1	D3
Manganese, Dissolved	**154**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 05:47	7439-96-5	
Selenium, Dissolved	**0.68J**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 05:47	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 05:47	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:08	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.21**	ug/L	0.051	0.014	1	12/06/23 08:19	12/06/23 21:56	83-32-9	
Acenaphthylene	**1.1**	ug/L	0.051	0.013	1	12/06/23 08:19	12/06/23 21:56	208-96-8	
Anthracene	**0.43**	ug/L	0.051	0.019	1	12/06/23 08:19	12/06/23 21:56	120-12-7	
Benzo(a)anthracene	**0.73**	ug/L	0.051	0.014	1	12/06/23 08:19	12/06/23 21:56	56-55-3	
Benzo(a)pyrene	**0.83**	ug/L	0.051	0.013	1	12/06/23 08:19	12/06/23 21:56	50-32-8	
Benzo(b)fluoranthene	**1.1**	ug/L	0.051	0.0092	1	12/06/23 08:19	12/06/23 21:56	205-99-2	
Benzo(g,h,i)perylene	**0.50**	ug/L	0.051	0.024	1	12/06/23 08:19	12/06/23 21:56	191-24-2	
Benzo(k)fluoranthene	**0.33**	ug/L	0.051	0.023	1	12/06/23 08:19	12/06/23 21:56	207-08-9	
Chrysene	**0.78**	ug/L	0.051	0.013	1	12/06/23 08:19	12/06/23 21:56	218-01-9	
Dibenz(a,h)anthracene	**0.15**	ug/L	0.051	0.018	1	12/06/23 08:19	12/06/23 21:56	53-70-3	
Fluoranthene	**1.1**	ug/L	0.051	0.026	1	12/06/23 08:19	12/06/23 21:56	206-44-0	
Fluorene	**0.23**	ug/L	0.051	0.024	1	12/06/23 08:19	12/06/23 21:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.37**	ug/L	0.051	0.016	1	12/06/23 08:19	12/06/23 21:56	193-39-5	
1-Methylnaphthalene	**0.30**	ug/L	0.051	0.018	1	12/06/23 08:19	12/06/23 21:56	90-12-0	
2-Methylnaphthalene	**0.26**	ug/L	0.051	0.014	1	12/06/23 08:19	12/06/23 21:56	91-57-6	
Naphthalene	**0.56**	ug/L	0.051	0.020	1	12/06/23 08:19	12/06/23 21:56	91-20-3	
Phenanthrene	**0.79**	ug/L	0.051	0.026	1	12/06/23 08:19	12/06/23 21:56	85-01-8	
Pyrene	**1.5**	ug/L	0.051	0.023	1	12/06/23 08:19	12/06/23 21:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	38-120		1	12/06/23 08:19	12/06/23 21:56	321-60-8	
Terphenyl-d14 (S)	86	%	47-121		1	12/06/23 08:19	12/06/23 21:56	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**6.1**	ug/L	1.0	0.30	1		12/05/23 10:07	71-43-2	
Ethylbenzene	**5.1**	ug/L	1.0	0.33	1		12/05/23 10:07	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		12/05/23 10:07	108-88-3	
1,2,4-Trimethylbenzene	**5.6**	ug/L	1.0	0.45	1		12/05/23 10:07	95-63-6	
1,3,5-Trimethylbenzene	**1.7**	ug/L	1.0	0.36	1		12/05/23 10:07	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: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023003 **Lab ID: 40271606003** Collected: 11/30/23 12:20 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**5.8**	ug/L	3.0	1.0	1		12/05/23 10:07	1330-20-7	
m&p-Xylene	**2.5**	ug/L	2.0	0.70	1		12/05/23 10:07	179601-23-1	
o-Xylene	**3.3**	ug/L	1.0	0.35	1		12/05/23 10:07	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		12/05/23 10:07	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/05/23 10:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		12/05/23 10:07	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**623**	mg/L	40.0	8.9	20		12/07/23 16:24	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.068J**	mg/L	0.25	0.059	1		12/05/23 12:42		

Sample: 113023004 **Lab ID: 40271606004** Collected: 11/30/23 13:30 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**5.7**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 06:16	7440-38-2	
Barium, Dissolved	**123**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 06:16	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 06:16	7440-43-9	D3
Chromium, Dissolved	**8.1**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 06:16	7440-47-3	
Iron, Dissolved	**6190**	ug/L	500	116	2	12/04/23 05:19	12/07/23 06:16	7439-89-6	
Lead, Dissolved	**2.5**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 06:16	7439-92-1	
Manganese, Dissolved	**505**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 06:16	7439-96-5	
Selenium, Dissolved	**1.1J**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 06:16	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 06:16	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:10	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**4.2**	ug/L	2.5	0.70	5	12/06/23 08:19	12/06/23 23:10	83-32-9	
Acenaphthylene	**4.2**	ug/L	2.5	0.63	5	12/06/23 08:19	12/06/23 23:10	208-96-8	
Anthracene	**<0.92**	ug/L	2.5	0.92	5	12/06/23 08:19	12/06/23 23:10	120-12-7	
Benzo(a)anthracene	**0.77J**	ug/L	2.5	0.68	5	12/06/23 08:19	12/06/23 23:10	56-55-3	
Benzo(a)pyrene	**0.88J**	ug/L	2.5	0.64	5	12/06/23 08:19	12/06/23 23:10	50-32-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023004 **Lab ID: 40271606004** Collected: 11/30/23 13:30 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Benzo(b)fluoranthene	**3.3**	ug/L	2.5	0.46	5	12/06/23 08:19	12/06/23 23:10	205-99-2	
Benzo(g,h,i)perylene	**<1.2**	ug/L	2.5	1.2	5	12/06/23 08:19	12/06/23 23:10	191-24-2	
Benzo(k)fluoranthene	**1.2J**	ug/L	2.5	1.1	5	12/06/23 08:19	12/06/23 23:10	207-08-9	
Chrysene	**2.6**	ug/L	2.5	0.63	5	12/06/23 08:19	12/06/23 23:10	218-01-9	
Dibenz(a,h)anthracene	**<0.89**	ug/L	2.5	0.89	5	12/06/23 08:19	12/06/23 23:10	53-70-3	
Fluoranthene	**5.3**	ug/L	2.5	1.3	5	12/06/23 08:19	12/06/23 23:10	206-44-0	
Fluorene	**2.5J**	ug/L	2.5	1.2	5	12/06/23 08:19	12/06/23 23:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.78**	ug/L	2.5	0.78	5	12/06/23 08:19	12/06/23 23:10	193-39-5	
1-Methylnaphthalene	**17.7**	ug/L	2.5	0.90	5	12/06/23 08:19	12/06/23 23:10	90-12-0	
2-Methylnaphthalene	**18.1**	ug/L	2.5	0.69	5	12/06/23 08:19	12/06/23 23:10	91-57-6	
Naphthalene	**554**	ug/L	2.5	1.0	5	12/06/23 08:19	12/06/23 23:10	91-20-3	
Phenanthrene	**3.4**	ug/L	2.5	1.3	5	12/06/23 08:19	12/06/23 23:10	85-01-8	
Pyrene	**3.8**	ug/L	2.5	1.1	5	12/06/23 08:19	12/06/23 23:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	38-120		5	12/06/23 08:19	12/06/23 23:10	321-60-8	
Terphenyl-d14 (S)	77	%	47-121		5	12/06/23 08:19	12/06/23 23:10	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**581**	ug/L	5.0	1.5	5		12/05/23 11:59	71-43-2	
Ethylbenzene	**106**	ug/L	1.0	0.33	1		12/04/23 21:44	100-41-4	
Toluene	**124**	ug/L	1.0	0.29	1		12/04/23 21:44	108-88-3	
1,2,4-Trimethylbenzene	**41.4**	ug/L	1.0	0.45	1		12/04/23 21:44	95-63-6	
1,3,5-Trimethylbenzene	**14.8**	ug/L	1.0	0.36	1		12/04/23 21:44	108-67-8	
Xylene (Total)	**276**	ug/L	3.0	1.0	1		12/04/23 21:44	1330-20-7	
m&p-Xylene	**163**	ug/L	2.0	0.70	1		12/04/23 21:44	179601-23-1	
o-Xylene	**113**	ug/L	1.0	0.35	1		12/04/23 21:44	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		12/04/23 21:44	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		12/04/23 21:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/04/23 21:44	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**203**	mg/L	10.0	2.2	5		12/07/23 01:58	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.066J**	mg/L	0.25	0.059	1		12/05/23 12:43		

REPORT OF LABORATORY ANALYSIS

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

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023005 **Lab ID: 40271606005** Collected: 11/30/23 13:35 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**8.2**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 06:24	7440-38-2	
Barium, Dissolved	**244**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 06:24	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 06:24	7440-43-9	D3
Chromium, Dissolved	**25.8**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 06:24	7440-47-3	
Iron, Dissolved	**19800**	ug/L	500	116	2	12/04/23 05:19	12/07/23 06:24	7439-89-6	
Lead, Dissolved	**8.9**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 06:24	7439-92-1	
Manganese, Dissolved	**722**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 06:24	7439-96-5	
Selenium, Dissolved	**1.8J**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 06:24	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 06:24	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 09:13	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**4.2**	ug/L	2.5	0.70	5	12/06/23 08:19	12/06/23 23:29	83-32-9	
Acenaphthylene	**4.3**	ug/L	2.5	0.63	5	12/06/23 08:19	12/06/23 23:29	208-96-8	
Anthracene	**<0.92**	ug/L	2.5	0.92	5	12/06/23 08:19	12/06/23 23:29	120-12-7	
Benzo(a)anthracene	**<0.68**	ug/L	2.5	0.68	5	12/06/23 08:19	12/06/23 23:29	56-55-3	
Benzo(a)pyrene	**<0.64**	ug/L	2.5	0.64	5	12/06/23 08:19	12/06/23 23:29	50-32-8	
Benzo(b)fluoranthene	**2.3J**	ug/L	2.5	0.46	5	12/06/23 08:19	12/06/23 23:29	205-99-2	
Benzo(g,h,i)perylene	**<1.2**	ug/L	2.5	1.2	5	12/06/23 08:19	12/06/23 23:29	191-24-2	
Benzo(k)fluoranthene	**<1.1**	ug/L	2.5	1.1	5	12/06/23 08:19	12/06/23 23:29	207-08-9	
Chrysene	**1.9J**	ug/L	2.5	0.63	5	12/06/23 08:19	12/06/23 23:29	218-01-9	
Dibenz(a,h)anthracene	**<0.89**	ug/L	2.5	0.89	5	12/06/23 08:19	12/06/23 23:29	53-70-3	
Fluoranthene	**4.0**	ug/L	2.5	1.3	5	12/06/23 08:19	12/06/23 23:29	206-44-0	
Fluorene	**2.5**	ug/L	2.5	1.2	5	12/06/23 08:19	12/06/23 23:29	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.78**	ug/L	2.5	0.78	5	12/06/23 08:19	12/06/23 23:29	193-39-5	
1-Methylnaphthalene	**19.1**	ug/L	2.5	0.90	5	12/06/23 08:19	12/06/23 23:29	90-12-0	
2-Methylnaphthalene	**19.1**	ug/L	2.5	0.69	5	12/06/23 08:19	12/06/23 23:29	91-57-6	
Naphthalene	**607**	ug/L	2.5	1.0	5	12/06/23 08:19	12/06/23 23:29	91-20-3	
Phenanthrene	**2.5**	ug/L	2.5	1.3	5	12/06/23 08:19	12/06/23 23:29	85-01-8	
Pyrene	**2.8**	ug/L	2.5	1.1	5	12/06/23 08:19	12/06/23 23:29	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	38-120		5	12/06/23 08:19	12/06/23 23:29	321-60-8	
Terphenyl-d14 (S)	77	%	47-121		5	12/06/23 08:19	12/06/23 23:29	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**601**	ug/L	5.0	1.5	5		12/05/23 11:41	71-43-2	
Ethylbenzene	**107**	ug/L	1.0	0.33	1		12/04/23 22:03	100-41-4	
Toluene	**125**	ug/L	1.0	0.29	1		12/04/23 22:03	108-88-3	
1,2,4-Trimethylbenzene	**42.5**	ug/L	1.0	0.45	1		12/04/23 22:03	95-63-6	
1,3,5-Trimethylbenzene	**15.2**	ug/L	1.0	0.36	1		12/04/23 22:03	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: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023005 **Lab ID: 40271606005** Collected: 11/30/23 13:35 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**282**	ug/L	3.0	1.0	1		12/04/23 22:03	1330-20-7	
m&p-Xylene	**167**	ug/L	2.0	0.70	1		12/04/23 22:03	179601-23-1	
o-Xylene	**116**	ug/L	1.0	0.35	1		12/04/23 22:03	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		12/04/23 22:03	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		12/04/23 22:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/04/23 22:03	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**286**	mg/L	40.0	8.9	20		12/07/23 16:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.079J**	mg/L	0.25	0.059	1		12/05/23 12:43		

Sample: 113023006 **Lab ID: 40271606006** Collected: 11/30/23 14:25 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**3.8**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 06:31	7440-38-2	
Barium, Dissolved	**45.4**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 06:31	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 06:31	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 06:31	7440-47-3	D3
Iron, Dissolved	**2450**	ug/L	500	116	2	12/04/23 05:19	12/07/23 06:31	7439-89-6	
Lead, Dissolved	**<0.47**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 06:31	7439-92-1	D3
Manganese, Dissolved	**662**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 06:31	7439-96-5	
Selenium, Dissolved	**1.4J**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 06:31	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 06:31	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:17	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Acenaphthene	**29.0J**	ug/L	50.0	13.9	100	12/06/23 09:20	12/06/23 23:47	83-32-9	
Acenaphthylene	**74.2**	ug/L	50.0	12.6	100	12/06/23 09:20	12/06/23 23:47	208-96-8	
Anthracene	**46.6J**	ug/L	50.0	18.5	100	12/06/23 09:20	12/06/23 23:47	120-12-7	
Benzo(a)anthracene	**19.7J**	ug/L	50.0	13.6	100	12/06/23 09:20	12/06/23 23:47	56-55-3	
Benzo(a)pyrene	**<12.7**	ug/L	50.0	12.7	100	12/06/23 09:20	12/06/23 23:47	50-32-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023006 **Lab ID: 40271606006** Collected: 11/30/23 14:25 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
Benzo(b)fluoranthene	**25.7J**	ug/L	50.0	9.1	100	12/06/23 09:20	12/06/23 23:47	205-99-2	
Benzo(g,h,i)perylene	**<23.3**	ug/L	50.0	23.3	100	12/06/23 09:20	12/06/23 23:47	191-24-2	
Benzo(k)fluoranthene	**<22.3**	ug/L	50.0	22.3	100	12/06/23 09:20	12/06/23 23:47	207-08-9	
Chrysene	**46.2J**	ug/L	50.0	12.6	100	12/06/23 09:20	12/06/23 23:47	218-01-9	
Dibenz(a,h)anthracene	**<17.8**	ug/L	50.0	17.8	100	12/06/23 09:20	12/06/23 23:47	53-70-3	
Fluoranthene	**58.5**	ug/L	50.0	26.1	100	12/06/23 09:20	12/06/23 23:47	206-44-0	
Fluorene	**70.1**	ug/L	50.0	23.5	100	12/06/23 09:20	12/06/23 23:47	86-73-7	
Indeno(1,2,3-cd)pyrene	**<15.5**	ug/L	50.0	15.5	100	12/06/23 09:20	12/06/23 23:47	193-39-5	
1-Methylnaphthalene	**688**	ug/L	50.0	17.9	100	12/06/23 09:20	12/06/23 23:47	90-12-0	
2-Methylnaphthalene	**1010**	ug/L	50.0	13.8	100	12/06/23 09:20	12/06/23 23:47	91-57-6	
Naphthalene	**9540**	ug/L	50.0	19.9	100	12/06/23 09:20	12/06/23 23:47	91-20-3	
Phenanthrene	**178**	ug/L	50.0	25.6	100	12/06/23 09:20	12/06/23 23:47	85-01-8	
Pyrene	**71.7**	ug/L	50.0	22.6	100	12/06/23 09:20	12/06/23 23:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	38-120		100	12/06/23 09:20	12/06/23 23:47	321-60-8	
Terphenyl-d14 (S)	72	%	47-121		100	12/06/23 09:20	12/06/23 23:47	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**16000**	ug/L	250	73.9	250		12/05/23 11:03	71-43-2	
Ethylbenzene	**1670**	ug/L	250	81.3	250		12/05/23 11:03	100-41-4	
Toluene	**5660**	ug/L	250	72.0	250		12/05/23 11:03	108-88-3	
1,2,4-Trimethylbenzene	**628**	ug/L	250	112	250		12/05/23 11:03	95-63-6	
1,3,5-Trimethylbenzene	**192J**	ug/L	250	89.3	250		12/05/23 11:03	108-67-8	
Xylene (Total)	**4390**	ug/L	750	262	250		12/05/23 11:03	1330-20-7	
m&p-Xylene	**2820**	ug/L	500	175	250		12/05/23 11:03	179601-23-1	
o-Xylene	**1570**	ug/L	250	86.9	250		12/05/23 11:03	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		250		12/05/23 11:03	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		250		12/05/23 11:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		250		12/05/23 11:03	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**1020**	mg/L	100	22.2	50		12/07/23 16:53	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		12/05/23 12:44		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023007 **Lab ID: 40271606007** Collected: 11/30/23 14:55 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.0J**	ug/L	2.0	0.56	2	12/04/23 05:19	12/07/23 04:55	7440-38-2	D3
Barium, Dissolved	**44.2**	ug/L	4.7	1.4	2	12/04/23 05:19	12/07/23 04:55	7440-39-3	
Cadmium, Dissolved	**<0.30**	ug/L	2.0	0.30	2	12/04/23 05:19	12/07/23 04:55	7440-43-9	D3
Chromium, Dissolved	**<2.0**	ug/L	6.8	2.0	2	12/04/23 05:19	12/07/23 04:55	7440-47-3	D3
Iron, Dissolved	**1300**	ug/L	500	116	2	12/04/23 05:19	12/07/23 04:55	7439-89-6	
Lead, Dissolved	**0.57J**	ug/L	2.0	0.47	2	12/04/23 05:19	12/07/23 04:55	7439-92-1	D3
Manganese, Dissolved	**1830**	ug/L	8.1	2.4	2	12/04/23 05:19	12/07/23 04:55	7439-96-5	
Selenium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	12/04/23 05:19	12/07/23 04:55	7782-49-2	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	12/04/23 05:19	12/07/23 04:55	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 07:56	7439-97-6	M0
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.028J**	ug/L	0.050	0.014	1	12/06/23 09:20	12/06/23 17:37	83-32-9	
Acenaphthylene	**0.12**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:37	208-96-8	
Anthracene	**0.097**	ug/L	0.050	0.019	1	12/06/23 09:20	12/06/23 17:37	120-12-7	
Benzo(a)anthracene	**0.089**	ug/L	0.050	0.014	1	12/06/23 09:20	12/06/23 17:37	56-55-3	
Benzo(a)pyrene	**0.17**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:37	50-32-8	
Benzo(b)fluoranthene	**0.41**	ug/L	0.050	0.0091	1	12/06/23 09:20	12/06/23 17:37	205-99-2	M1,R1
Benzo(g,h,i)perylene	**0.12**	ug/L	0.050	0.023	1	12/06/23 09:20	12/06/23 17:37	191-24-2	
Benzo(k)fluoranthene	**0.14**	ug/L	0.050	0.022	1	12/06/23 09:20	12/06/23 17:37	207-08-9	
Chrysene	**0.34**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:37	218-01-9	R1
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	12/06/23 09:20	12/06/23 17:37	53-70-3	
Fluoranthene	**0.69**	ug/L	0.050	0.026	1	12/06/23 09:20	12/06/23 17:37	206-44-0	M1,R1
Fluorene	**0.050**	ug/L	0.050	0.024	1	12/06/23 09:20	12/06/23 17:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.081**	ug/L	0.050	0.016	1	12/06/23 09:20	12/06/23 17:37	193-39-5	
1-Methylnaphthalene	**0.077**	ug/L	0.050	0.018	1	12/06/23 09:20	12/06/23 17:37	90-12-0	
2-Methylnaphthalene	**0.086**	ug/L	0.050	0.014	1	12/06/23 09:20	12/06/23 17:37	91-57-6	
Naphthalene	**0.38**	ug/L	0.050	0.020	1	12/06/23 09:20	12/06/23 17:37	91-20-3	
Phenanthrene	**0.39**	ug/L	0.050	0.026	1	12/06/23 09:20	12/06/23 17:37	85-01-8	M1,R1
Pyrene	**0.53**	ug/L	0.050	0.023	1	12/06/23 09:20	12/06/23 17:37	129-00-0	M1,R1
Surrogates									
2-Fluorobiphenyl (S)	83	%	38-120		1	12/06/23 09:20	12/06/23 17:37	321-60-8	
Terphenyl-d14 (S)	86	%	47-121		1	12/06/23 09:20	12/06/23 17:37	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		12/04/23 19:34	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		12/04/23 19:34	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		12/04/23 19:34	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		12/04/23 19:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		12/04/23 19:34	108-67-8	

REPORT OF LABORATORY ANALYSIS

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

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023007 **Lab ID: 40271606007** Collected: 11/30/23 14:55 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		12/04/23 19:34	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		12/04/23 19:34	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		12/04/23 19:34	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		12/04/23 19:34	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		12/04/23 19:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/04/23 19:34	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**2070**	mg/L	200	44.4	100		12/08/23 12:20	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		12/05/23 12:45		

Sample: 113023008 **Lab ID: 40271606008** Collected: 11/30/23 15:00 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**0.86J**	ug/L	1.0	0.30	1		12/05/23 10:26	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		12/05/23 10:26	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		12/05/23 10:26	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		12/05/23 10:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		12/05/23 10:26	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		12/05/23 10:26	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		12/05/23 10:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		12/05/23 10:26	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		12/05/23 10:26	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		12/05/23 10:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		12/05/23 10:26	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023009 **Lab ID: 40271606009** Collected: 11/30/23 16:15 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<0.28**	ug/L	1.0	0.28	1	12/04/23 05:19	12/07/23 06:09	7440-38-2	
Barium, Dissolved	**<0.70**	ug/L	2.3	0.70	1	12/04/23 05:19	12/07/23 06:09	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	12/04/23 05:19	12/07/23 06:09	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	12/04/23 05:19	12/07/23 06:09	7440-47-3	
Iron, Dissolved	**<58.0**	ug/L	250	58.0	1	12/04/23 05:19	12/07/23 06:09	7439-89-6	
Lead, Dissolved	**<0.24**	ug/L	1.0	0.24	1	12/04/23 05:19	12/07/23 06:09	7439-92-1	
Manganese, Dissolved	**<1.2**	ug/L	4.0	1.2	1	12/04/23 05:19	12/07/23 06:09	7439-96-5	
Selenium, Dissolved	**<0.32**	ug/L	1.1	0.32	1	12/04/23 05:19	12/07/23 06:09	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	12/04/23 05:19	12/07/23 06:09	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	12/07/23 10:35	12/08/23 08:20	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	0.050	0.014	1	12/06/23 09:20	12/06/23 17:56	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:56	208-96-8	
Anthracene	**<0.019**	ug/L	0.050	0.019	1	12/06/23 09:20	12/06/23 17:56	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	12/06/23 09:20	12/06/23 17:56	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:56	50-32-8	
Benzo(b)fluoranthene	**<0.0091**	ug/L	0.050	0.0091	1	12/06/23 09:20	12/06/23 17:56	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	12/06/23 09:20	12/06/23 17:56	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	12/06/23 09:20	12/06/23 17:56	207-08-9	
Chrysene	**<0.013**	ug/L	0.050	0.013	1	12/06/23 09:20	12/06/23 17:56	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	12/06/23 09:20	12/06/23 17:56	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	12/06/23 09:20	12/06/23 17:56	206-44-0	
Fluorene	**<0.024**	ug/L	0.050	0.024	1	12/06/23 09:20	12/06/23 17:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.050	0.016	1	12/06/23 09:20	12/06/23 17:56	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	12/06/23 09:20	12/06/23 17:56	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	12/06/23 09:20	12/06/23 17:56	91-57-6	
Naphthalene	**<0.020**	ug/L	0.050	0.020	1	12/06/23 09:20	12/06/23 17:56	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.050	0.026	1	12/06/23 09:20	12/06/23 17:56	85-01-8	
Pyrene	**<0.023**	ug/L	0.050	0.023	1	12/06/23 09:20	12/06/23 17:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	92	%	38-120		1	12/06/23 09:20	12/06/23 17:56	321-60-8	
Terphenyl-d14 (S)	92	%	47-121		1	12/06/23 09:20	12/06/23 17:56	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		12/04/23 22:40	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		12/04/23 22:40	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		12/04/23 22:40	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		12/04/23 22:40	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		12/04/23 22:40	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: Former Green Bay MGP
Pace Project No.: 40271606

Sample: 113023009 **Lab ID: 40271606009** Collected: 11/30/23 16:15 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		12/04/23 22:40	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		12/04/23 22:40	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		12/04/23 22:40	95-47-6	
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		12/04/23 22:40	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		12/04/23 22:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		12/04/23 22:40	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		12/08/23 13:04	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		12/05/23 12:50		

Sample: 113023010 **Lab ID: 40271606010** Collected: 11/30/23 00:00 Received: 11/30/23 17:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		12/04/23 18:57	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		12/04/23 18:57	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		12/04/23 18:57	108-88-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		12/04/23 18:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		12/04/23 18:57	108-67-8	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		12/04/23 18:57	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		12/04/23 18:57	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		12/04/23 18:57	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		12/04/23 18:57	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		12/04/23 18:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/04/23 18:57	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 462173
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

METHOD BLANK: 2652567 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	12/08/23 07:21	

LABORATORY CONTROL SAMPLE: 2652568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.8	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2652569 2652570

Parameter	Units	40271606007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	3.6	4.2	72	84	85-115	16	20	M0

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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: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 461762
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

METHOD BLANK: 2650773 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	12/07/23 04:41	
Barium, Dissolved	ug/L	<0.70	2.3	12/07/23 04:41	
Cadmium, Dissolved	ug/L	<0.15	1.0	12/07/23 04:41	
Chromium, Dissolved	ug/L	<1.0	3.4	12/07/23 04:41	
Iron, Dissolved	ug/L	<58.0	250	12/07/23 04:41	
Lead, Dissolved	ug/L	<0.24	1.0	12/07/23 04:41	
Manganese, Dissolved	ug/L	<1.2	4.0	12/07/23 04:41	
Selenium, Dissolved	ug/L	<0.32	1.1	12/07/23 04:41	
Silver, Dissolved	ug/L	<0.13	0.50	12/07/23 04:41	

LABORATORY CONTROL SAMPLE: 2650774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	262	105	80-120	
Barium, Dissolved	ug/L	250	256	102	80-120	
Cadmium, Dissolved	ug/L	250	264	105	80-120	
Chromium, Dissolved	ug/L	250	254	101	80-120	
Iron, Dissolved	ug/L	10000	10800	108	80-120	
Lead, Dissolved	ug/L	250	263	105	80-120	
Manganese, Dissolved	ug/L	250	253	101	80-120	
Selenium, Dissolved	ug/L	250	271	108	80-120	
Silver, Dissolved	ug/L	125	142	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2650775 2650776

Parameter	Units	40271606007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	2.0J	250	250	272	275	108	109	75-125	1	20	
Barium, Dissolved	ug/L	44.2	250	250	296	302	101	103	75-125	2	20	
Cadmium, Dissolved	ug/L	<0.30	250	250	259	261	103	104	75-125	1	20	
Chromium, Dissolved	ug/L	<2.0	250	250	246	255	98	101	75-125	4	20	
Iron, Dissolved	ug/L	1300	10000	10000	11500	11800	102	105	75-125	3	20	
Lead, Dissolved	ug/L	0.57J	250	250	268	273	107	109	75-125	2	20	
Manganese, Dissolved	ug/L	1830	250	250	2040	2100	87	109	75-125	3	20	
Selenium, Dissolved	ug/L	<0.63	250	250	282	283	113	113	75-125	0	20	
Silver, Dissolved	ug/L	<0.25	125	125	133	134	106	107	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 461780
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606008, 40271606009, 40271606010

METHOD BLANK: 2650845 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606008, 40271606009, 40271606010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/04/23 16:28	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/04/23 16:28	
Benzene	ug/L	<0.30	1.0	12/04/23 16:28	
Ethylbenzene	ug/L	<0.33	1.0	12/04/23 16:28	
m&p-Xylene	ug/L	<0.70	2.0	12/04/23 16:28	
o-Xylene	ug/L	<0.35	1.0	12/04/23 16:28	
Toluene	ug/L	<0.29	1.0	12/04/23 16:28	
Xylene (Total)	ug/L	<1.0	3.0	12/04/23 16:28	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	12/04/23 16:28	
4-Bromofluorobenzene (S)	%	92	70-130	12/04/23 16:28	
Toluene-d8 (S)	%	94	70-130	12/04/23 16:28	

LABORATORY CONTROL SAMPLE: 2650846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	50.5	101	80-125	
m&p-Xylene	ug/L	100	106	106	70-130	
o-Xylene	ug/L	50	52.4	105	70-130	
Toluene	ug/L	50	49.8	100	80-120	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2650847 2650848

Parameter	Units	40271606007 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	47.5	50.0	95	100	70-130	5	20	
Ethylbenzene	ug/L	<0.33	50	50	49.3	51.7	99	103	80-126	5	20	
m&p-Xylene	ug/L	<0.70	100	100	102	108	102	108	70-130	5	20	
o-Xylene	ug/L	<0.35	50	50	51.2	53.9	102	108	70-130	5	20	
Toluene	ug/L	<0.29	50	50	48.0	50.5	96	101	80-121	5	20	
Xylene (Total)	ug/L	<1.0	150	150	153	162	102	108	70-130	5	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Green Bay MGP
Pace Project No.: 40271606

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2650847			2650848							
Parameter	Units	40271606007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						92	90	70-130			
Toluene-d8 (S)	%						95	94	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: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 462022
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: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005

METHOD BLANK: 2651795 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	12/06/23 13:42	
2-Methylnaphthalene	ug/L	<0.014	0.050	12/06/23 13:42	
Acenaphthene	ug/L	<0.014	0.050	12/06/23 13:42	
Acenaphthylene	ug/L	<0.013	0.050	12/06/23 13:42	
Anthracene	ug/L	<0.018	0.050	12/06/23 13:42	
Benzo(a)anthracene	ug/L	<0.014	0.050	12/06/23 13:42	
Benzo(a)pyrene	ug/L	<0.013	0.050	12/06/23 13:42	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	12/06/23 13:42	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	12/06/23 13:42	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	12/06/23 13:42	
Chrysene	ug/L	<0.013	0.050	12/06/23 13:42	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	12/06/23 13:42	
Fluoranthene	ug/L	<0.026	0.050	12/06/23 13:42	
Fluorene	ug/L	<0.024	0.050	12/06/23 13:42	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	12/06/23 13:42	
Naphthalene	ug/L	<0.020	0.050	12/06/23 13:42	
Phenanthrene	ug/L	<0.026	0.050	12/06/23 13:42	
Pyrene	ug/L	<0.023	0.050	12/06/23 13:42	
2-Fluorobiphenyl (S)	%	81	38-120	12/06/23 13:42	
Terphenyl-d14 (S)	%	86	47-121	12/06/23 13:42	

LABORATORY CONTROL SAMPLE: 2651796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.6	78	57-120	
2-Methylnaphthalene	ug/L	2	1.5	77	55-120	
Acenaphthene	ug/L	2	1.5	74	60-120	
Acenaphthylene	ug/L	2	1.5	77	58-120	
Anthracene	ug/L	2	1.6	82	58-120	
Benzo(a)anthracene	ug/L	2	1.9	95	51-120	
Benzo(a)pyrene	ug/L	2	1.7	85	59-120	
Benzo(b)fluoranthene	ug/L	2	1.9	95	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.8	91	62-120	
Benzo(k)fluoranthene	ug/L	2	1.6	78	59-120	
Chrysene	ug/L	2	1.7	84	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.8	91	60-120	
Fluoranthene	ug/L	2	1.8	89	62-120	
Fluorene	ug/L	2	1.6	78	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.8	92	62-120	

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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: Former Green Bay MGP
Pace Project No.: 40271606

LABORATORY CONTROL SAMPLE: 2651796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.5	74	55-120	
Phenanthrene	ug/L	2	1.6	82	55-120	
Pyrene	ug/L	2	1.6	80	53-120	
2-Fluorobiphenyl (S)	%			89	38-120	
Terphenyl-d14 (S)	%			95	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651797 2651798

Parameter	Units	40271573006 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	79.7	2	2	82.6	75.2	148	-225	32-120	9	25	E,M1
2-Methylnaphthalene	ug/L	0.70	2	2	1.9	1.8	62	57	37-120	6	22	
Acenaphthene	ug/L	3.0	2	2	4.6	4.2	80	63	52-120	8	20	
Acenaphthylene	ug/L	0.52	2	2	1.8	1.8	62	64	49-120	2	20	
Anthracene	ug/L	0.16	2	2	1.6	1.6	71	71	45-120	0	25	
Benzo(a)anthracene	ug/L	0.015J	2	2	1.3	1.3	64	63	31-120	1	25	
Benzo(a)pyrene	ug/L	<0.013	2	2	1.2	1.1	62	57	38-120	8	24	
Benzo(b)fluoranthene	ug/L	<0.0090	2	2	1.6	1.5	77	73	36-120	6	24	
Benzo(g,h,i)perylene	ug/L	<0.023	2	2	0.69	0.64	34	31	43-120	8	23	M1
Benzo(k)fluoranthene	ug/L	<0.022	2	2	1.4	1.3	67	67	46-120	1	21	
Chrysene	ug/L	0.013J	2	2	1.6	1.6	80	80	39-143	1	23	
Dibenz(a,h)anthracene	ug/L	<0.018	2	2	0.61	0.61	30	31	32-125	1	22	M1
Fluoranthene	ug/L	0.050	2	2	1.6	1.5	76	73	56-120	5	21	
Fluorene	ug/L	4.4	2	2	6.0	5.9	78	75	45-120	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.015	2	2	0.61	0.61	30	31	42-120	0	23	M1
Naphthalene	ug/L	1.5	2	2	2.9	2.8	69	65	50-120	3	23	D3
Phenanthrene	ug/L	2.8	2	2	4.2	4.1	68	63	47-120	2	21	
Pyrene	ug/L	0.11	2	2	1.5	1.6	72	73	47-120	2	23	
2-Fluorobiphenyl (S)	%						75	74	38-120			
Terphenyl-d14 (S)	%						82	80	47-121			

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: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 462039
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: 40271606006, 40271606007, 40271606009

METHOD BLANK: 2651827 Matrix: Water
Associated Lab Samples: 40271606006, 40271606007, 40271606009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	12/06/23 14:00	
2-Methylnaphthalene	ug/L	<0.014	0.050	12/06/23 14:00	
Acenaphthene	ug/L	<0.014	0.050	12/06/23 14:00	
Acenaphthylene	ug/L	<0.013	0.050	12/06/23 14:00	
Anthracene	ug/L	<0.018	0.050	12/06/23 14:00	
Benzo(a)anthracene	ug/L	<0.014	0.050	12/06/23 14:00	
Benzo(a)pyrene	ug/L	<0.013	0.050	12/06/23 14:00	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	12/06/23 14:00	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	12/06/23 14:00	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	12/06/23 14:00	
Chrysene	ug/L	<0.013	0.050	12/06/23 14:00	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	12/06/23 14:00	
Fluoranthene	ug/L	<0.026	0.050	12/06/23 14:00	
Fluorene	ug/L	<0.024	0.050	12/06/23 14:00	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	12/06/23 14:00	
Naphthalene	ug/L	<0.020	0.050	12/06/23 14:00	
Phenanthrene	ug/L	<0.026	0.050	12/06/23 14:00	
Pyrene	ug/L	<0.023	0.050	12/06/23 14:00	
2-Fluorobiphenyl (S)	%	82	38-120	12/06/23 14:00	
Terphenyl-d14 (S)	%	81	47-121	12/06/23 14:00	

LABORATORY CONTROL SAMPLE: 2651828

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.7	84	57-120	
2-Methylnaphthalene	ug/L	2	1.7	86	55-120	
Acenaphthene	ug/L	2	1.6	81	60-120	
Acenaphthylene	ug/L	2	1.6	78	58-120	
Anthracene	ug/L	2	1.8	91	58-120	
Benzo(a)anthracene	ug/L	2	2.0	101	51-120	
Benzo(a)pyrene	ug/L	2	1.9	93	59-120	
Benzo(b)fluoranthene	ug/L	2	2.1	106	52-120	
Benzo(g,h,i)perylene	ug/L	2	2.0	99	62-120	
Benzo(k)fluoranthene	ug/L	2	1.8	89	59-120	
Chrysene	ug/L	2	1.8	90	55-125	
Dibenz(a,h)anthracene	ug/L	2	2.0	101	60-120	
Fluoranthene	ug/L	2	1.9	95	62-120	
Fluorene	ug/L	2	1.8	88	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	2.0	101	62-120	

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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: Former Green Bay MGP
Pace Project No.: 40271606

LABORATORY CONTROL SAMPLE: 2651828

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.6	82	55-120	
Phenanthrene	ug/L	2	1.8	90	55-120	
Pyrene	ug/L	2	1.8	89	53-120	
2-Fluorobiphenyl (S)	%			94	38-120	
Terphenyl-d14 (S)	%			104	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651829 2651830

Parameter	Units	40271606007 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	0.077	2	2.1	1.6	1.7	75	77	32-120	4	25	
2-Methylnaphthalene	ug/L	0.086	2	2.1	1.6	1.7	74	76	37-120	4	22	
Acenaphthene	ug/L	0.028J	2	2.1	1.5	1.5	74	73	52-120	1	20	
Acenaphthylene	ug/L	0.12	2	2.1	1.6	1.6	71	70	49-120	0	20	
Anthracene	ug/L	0.097	2	2.1	1.9	1.8	90	81	45-120	7	25	
Benzo(a)anthracene	ug/L	0.089	2	2.1	2.4	1.9	115	88	31-120	23	25	
Benzo(a)pyrene	ug/L	0.17	2	2.1	2.3	1.9	105	81	38-120	21	24	
Benzo(b)fluoranthene	ug/L	0.41	2	2.1	3.2	2.4	135	95	36-120	28	24	M1,R1
Benzo(g,h,i)perylene	ug/L	0.12	2	2.1	2.1	1.7	96	77	43-120	18	23	
Benzo(k)fluoranthene	ug/L	0.14	2	2.1	2.1	1.9	94	83	46-120	10	21	
Chrysene	ug/L	0.34	2	2.1	2.7	2.1	116	85	39-143	24	23	R1
Dibenz(a,h)anthracene	ug/L	<0.018	2	2.1	1.4	1.4	69	69	32-125	1	22	
Fluoranthene	ug/L	0.69	2	2.1	4.2	2.6	174	93	56-120	47	21	M1,R1
Fluorene	ug/L	0.050	2	2.1	1.7	1.7	82	80	45-120	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	0.081	2	2.1	1.8	1.6	87	72	42-120	15	23	
Naphthalene	ug/L	0.38	2	2.1	1.9	2.0	75	79	50-120	6	23	
Phenanthrene	ug/L	0.39	2	2.1	2.9	2.1	125	84	47-120	31	21	M1,R1
Pyrene	ug/L	0.53	2	2.1	3.1	2.2	128	82	47-120	33	23	M1,R1
2-Fluorobiphenyl (S)	%						94	90	38-120			
Terphenyl-d14 (S)	%						84	88	47-121			

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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: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 461893
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: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

METHOD BLANK: 2651121 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	12/06/23 22:44	

LABORATORY CONTROL SAMPLE: 2651122

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	22.0	110	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651123 2651124

Parameter	Units	40271388001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	64.7	400	400	503	504	109	110	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651125 2651126

Parameter	Units	40271606007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	2070	2000	2000	4060	4090	99	101	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: Former Green Bay MGP
Pace Project No.: 40271606

QC Batch: 461898
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: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

METHOD BLANK: 2651141 Matrix: Water
Associated Lab Samples: 40271606001, 40271606002, 40271606003, 40271606004, 40271606005, 40271606006, 40271606007, 40271606009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	12/05/23 12:28	

LABORATORY CONTROL SAMPLE: 2651142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651143 2651144

Parameter	Units	40271585001 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	15.8	12.5	12.5	28.3	28.6	100	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2651145 2651146

Parameter	Units	40271606007 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	2.5	2.5	100	99	90-110	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

QUALIFIERS

Project: Former Green Bay MGP
Pace Project No.: 40271606

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 - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
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: Former Green Bay MGP
Pace Project No.: 40271606

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40271606001	**113023001**	EPA 3010A	461762	EPA 6020B	461870
40271606002	**113023002**	EPA 3010A	461762	EPA 6020B	461870
40271606003	**113023003**	EPA 3010A	461762	EPA 6020B	461870
40271606004	**113023004**	EPA 3010A	461762	EPA 6020B	461870
40271606005	**113023005**	EPA 3010A	461762	EPA 6020B	461870
40271606006	**113023006**	EPA 3010A	461762	EPA 6020B	461870
40271606007	**113023007**	EPA 3010A	461762	EPA 6020B	461870
40271606009	**113023009**	EPA 3010A	461762	EPA 6020B	461870
40271606001	**113023001**	EPA 7470	462173	EPA 7470	462197
40271606002	**113023002**	EPA 7470	462173	EPA 7470	462197
40271606003	**113023003**	EPA 7470	462173	EPA 7470	462197
40271606004	**113023004**	EPA 7470	462173	EPA 7470	462197
40271606005	**113023005**	EPA 7470	462173	EPA 7470	462197
40271606006	**113023006**	EPA 7470	462173	EPA 7470	462197
40271606007	**113023007**	EPA 7470	462173	EPA 7470	462197
40271606009	**113023009**	EPA 7470	462173	EPA 7470	462197
40271606001	**113023001**	EPA 3510	462022	EPA 8270E by SIM	462074
40271606002	**113023002**	EPA 3510	462022	EPA 8270E by SIM	462074
40271606003	**113023003**	EPA 3510	462022	EPA 8270E by SIM	462074
40271606004	**113023004**	EPA 3510	462022	EPA 8270E by SIM	462074
40271606005	**113023005**	EPA 3510	462022	EPA 8270E by SIM	462074
40271606006	**113023006**	EPA 3510	462039	EPA 8270E by SIM	462075
40271606007	**113023007**	EPA 3510	462039	EPA 8270E by SIM	462075
40271606009	**113023009**	EPA 3510	462039	EPA 8270E by SIM	462075
40271606001	**113023001**	EPA 8260	461780		
40271606002	**113023002**	EPA 8260	461780		
40271606003	**113023003**	EPA 8260	461780		
40271606004	**113023004**	EPA 8260	461780		
40271606005	**113023005**	EPA 8260	461780		
40271606006	**113023006**	EPA 8260	461780		
40271606007	**113023007**	EPA 8260	461780		
40271606008	**113023008**	EPA 8260	461780		
40271606009	**113023009**	EPA 8260	461780		
40271606010	**113023010**	EPA 8260	461780		
40271606001	**113023001**	EPA 300.0	461893		
40271606002	**113023002**	EPA 300.0	461893		
40271606003	**113023003**	EPA 300.0	461893		
40271606004	**113023004**	EPA 300.0	461893		
40271606005	**113023005**	EPA 300.0	461893		
40271606006	**113023006**	EPA 300.0	461893		
40271606007	**113023007**	EPA 300.0	461893		
40271606009	**113023009**	EPA 300.0	461893		
40271606001	**113023001**	EPA 353.2	461898		
40271606002	**113023002**	EPA 353.2	461898		
40271606003	**113023003**	EPA 353.2	461898		
40271606004	**113023004**	EPA 353.2	461898		

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: Former Green Bay MGP
Pace Project No.: 40271606

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40271606005	**113023005**	EPA 353.2	461898		
40271606006	**113023006**	EPA 353.2	461898		
40271606007	**113023007**	EPA 353.2	461898		
40271606009	**113023009**	EPA 353.2	461898		

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

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here 40271606

COC # 1

Scan QR Code for instructions

Company Name.	O'Brien & Gere Engineers, Inc Integrys WI	Contact/Report To.	Staci Goetz
Street Address.	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204	Phone #	414-335-3563
		E-Mail	staci goetz@ramboll.com
		Cc E-Mail	
Customer Project #		Invoice To	Accounts - WEC
Project Name	Former Green Bay MGP	Invoice E-Mail	invoicecollector@wecenergygroup com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (if applicable).	1200187395
		Quote #.	
Time Zone Collected [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s)	Wisconsin

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

Regulatory Program (DW, RCRA, etc) as applicable

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

Date Results Requested:

DW PWSID # or WW Permit # as applicable

Field Filtered (if applicable) [ ] Yes [ ] No
Analysis Diss Metals

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

Specify Container Size **: 6 5 3 3 3
Identify Container Preservative Type***: 4 1 2 3 1
Analysis Requested

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

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

Lab Use Only
Proj. Mgr. Brian Basten
AcctNum / Client ID:
Table #:
Profile / Template: 4543
Prelog / Bottle Ord. ID: EZ 3024830

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. Cl2	Number & Type of Containers Plastic	Number & Type of Containers Glass	8260 BTEX+TMBs	8270Esim PAHs	6020B / 7470 Dissolved Metals	353 2 Nitrogen, NO2/NO3	300 0 Sulfate	Sample Comment	Preservation non-conformance identified for sample.
113023001	WT	G	11/30/23	10:35				3	5	X	X	X	X	X	Screen 001	
113023002				11:25				3	5	X	X	X	X	X	002	
113023003				12:20				3	5	X	X	X	X	X	003	
113023004				13:30				3	5	X	X	X	X	X	004	
113023005				13:35				3	5	X	X	X	X	X	005	
113023006				14:25				3	5	X	X	X	X	X	Screen 006	
113023007				14:55				9	15	X	X	X	X	X	007	
113023008				15:00				—	3	X					008	
113023009				16:15				3	5	X	X	X	X	X	009	
113023010, TB01	↓	↓	↓	—				—	2	X					010	

Customer Remarks / Special Conditions / Possible Hazards.

Collected By: Printed Name. Hailey Walters
Signature. HJWalters

Additional Instructions from Pace®:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)
1	131	-0.5	1.0	0.5

Relinquished by/Company (Signature) Ramboll	Date/Time 11/30/23 1715	Received by/Company. (Signature) Matt Summerlek/Pace	Date/Time 11/30/2023 17:15	Tracking Number: NA
Relinquished by/Company (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of 1

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

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Sample Preservation Receipt Form

Client Name: Ramboll Project # 40271666

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

Lab Lot# of pH paper: 10D0134 Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic						Vials						Jars				General								
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	VOA Vials (>6mm)*	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001					2				1		1	1					5												X			X		2.5 / 5
002					2				1		1	1					5												X			X		2.5 / 5
003					2				1		1	1					5												X			X		2.5 / 5
004					2				1		1	1					5												X			X		2.5 / 5
005					2				1		1	1					5												X			X		2.5 / 5
006					2				1		1	1					5												X			X		2.5 / 5
007					6				5		5	5					9												X			X		2.5 / 5
008																	5																	2.5 / 5
009					2				1		1	1					5												X			X		2.5 / 5
010																	2																	2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016			mh 11/1/25																															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	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	

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Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40271606

40271606

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 - 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.5 /Corr: 0.5

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

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

Person examining contents:
Date: 12/1/23 /Initials: MH

Labeled By Initials: TJW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☑Yes ☐No ☐N/A		8.
Correct Containers Used:	☑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): 508		

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