From:	Dombrowski, Frank J <frank.dombrowski@wecenergygroup.com>
Sent:	Friday, June 13, 2025 10:25 AM
To:	Desai.Sheila@epa.gov
Cc:	DNR RR NER; Korpela, Adrienne/MKE; Krueger, Sarah E - DNR; Abigail Small; DNR RR NER; Kyle J Bareither
Subject:	WPSC Marinette Former MGP - May 2025 Monthly Progress Report (CERCLA Docket No. V-W-18-C-009)
Attachments:	2025-06-13 WPSC-USEPA May 2025 Marinette Monthly Progress Report_Final.pdf

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Hi Sheila,

Please find attached the May, 2025 monthly progress report for the WPSC Marinette, WI Former MGP Site.

As always, please let us know if you have any questions on the monthly report.

Thank you,

Frank Dombrowski
Principal Environmental Consultant

WEC Energy Group – Business Services
Environmental Dept. - Land Quality Group
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Serving WEC Energy Group, We Energies, Wisconsin Public Service, Michigan Gas Utilities, Minnesota Energy Resources, Peoples Gas and North Shore Gas

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

June 13, 2025

Ms. Sheila Desai
Remedial Project Manager
United States Environmental Protection Agency
77 W. Jackson Blvd.
Chicago, Illinois 60604-3590

RE: May 2025 Monthly Progress Report
Marinette Former Manufactured Gas Plant
Marinette, Wisconsin
Wisconsin Public Service Corporation
CERCLA Docket No V-W-18-C-009, Site Spill ID – B5BT,
CERCLIS ID – WIN000509952

Dear Ms. Desai:

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

1) PROGRESS MADE DURING THE PAST MONTH

- Prepared and submitted April 2025 *Monthly Progress Report* to United States Environmental Protection Agency (USEPA) by May 15, 2025.
- Imported groundwater analytical data from April 2025 semi-annual groundwater monitoring event and drafted tables with data compared to applicable screening levels.

2) ANALYTICAL AND OTHER TESTING RESULTS RECEIVED

- April 2025 semi-annual groundwater sampling results provided with this progress report.

3) PROJECTED WORK

WPSC Actions

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

USEPA Actions

- Prepare Record of Decision (ROD) amendment.

4) PROBLEMS OR POTENTIAL PROBLEMS ENCOUNTERED

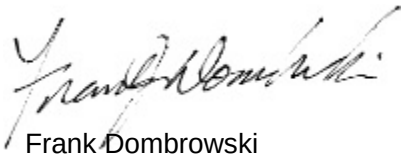
- None

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,

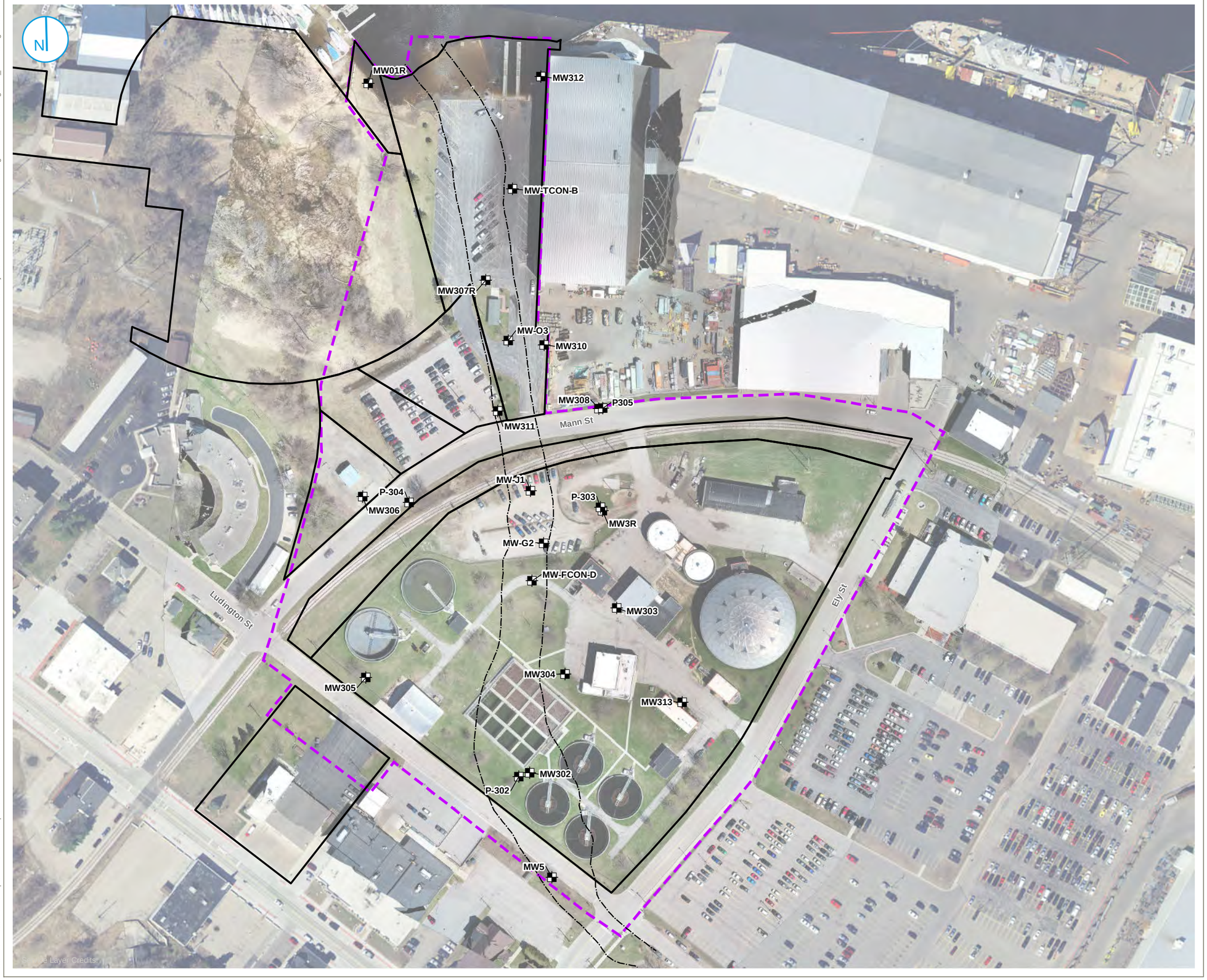


Frank Dombrowski
Principal Environmental Consultant
WEC Business Services – Environmental Dept

Enclosures: Figure 1 – Groundwater Sampling Locations
Table 1 – Groundwater Sampling Results Compared to Risk Assessment Framework and WI PAL SLs
Attachment 1 – April 2025 Analytical Laboratory Reports

For distribution to: Ms. Sarah Krueger, WDNR (via email)
Ms. Adrienne Korpela, Jacobs (via email)
Ms. Abby Small, Ramboll (via email)

FIGURE



EXISTING MONITORING WELL LOCATION

FORMER SLOUGH/ LOG RUN

PARCEL BOUNDARY (MARINETTE COUNTY, ACCESSED 7/16/2018)

APPROXIMATE EXTENT OF UPLAND SITE

0 75 150
Feet

MONITORING WELLS

WPSC MARINETTE FORMER MGP SITE
MARINETTE, WISCONSIN

FIGURE 1

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

Y:\GIS\Projects\15\11549\MXD\RemedialDesign\PI\Fieldwork\Figure 1_Monitoring Wells.mxd

PROJECT: 1690000XXXX | DATED: 8/7/2020 | DESIGNER: STOLZSD

TABLE

Table 1. Groundwater Analytical Results Compared to the Groundwater Standard, Tap Water Criteria, and WI PAL

Monthly Progress Report - April 2025 Sample Results
Wisconsin Public Service Corporation
Marinette Former MGP
Marinette, Wisconsin
BRRTS# 0238000047 CERCLIS ID: WIN000509952

9-digit Code	Sample Location	Sample Date	BTEX Benzene	BTEX Ethylbenzene	BTEX Toluene	BTEX Xylene, o	BTEX Xylenes, m + p	BTEX Xylenes, Total	PAH 1-Methylnaphthalene	PAH 2-Methylnaphthalene	PAH Acenaphthene	PAH Acenaphthylene	PAH Anthracene	PAH Benzo(a)anthracene	PAH Benzo(a)pyrene	PAH Benzo(b)fluoranthene	PAH Benzo(g,h,i)perylene	PAH Benzo(k)fluoranthene	PAH Chrysene	PAH Dibenz(a,h)anthracene	PAH Fluoranthene	PAH Fluorene	PAH Indeno(1,2,3-cd)pyrene	PAH Naphthalene	PAH Phenanthrene	PAH Pyrene
		Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
			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
		Tap Water RSL:	*0.46*	*1.5*	*1,100*	*190*	*190*	*190*	*0.0063*	*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*
		WI Groundwater SL:	**5**	**700**	**800**	**NS**	**NS**	**2,000**	**NS**	**NS**	**NS**	**NS**	**3,000**	**NS**	**0.2**	**0.2**	**NS**	**NS**	**0.2**	**NS**	**400**	**400**	**NS**	**100**	**3,000**	**250**
		WI Groundwater PAL:	0.5	140	160	NS	NS	400	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
041025016/041025017 (N)	MW01R	04/10/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	*0.025* J	0.028 J	0.039 J	0.017 J	0.026 J	*0.039* J	*0.031* J	0.044 J	0.023 U	0.022 U	0.044 J	0.018 U	0.11	0.023 U	0.021 J	*0.44*	0.11	0.092
041025024	MW03	04/10/25	***166***	*38.7*	--	--	--	--	--	--	--	--	--	--	***0.43*** J	***0.59*** J	--	--	**0.73**	--	--	--	--	***148***	--	--
040925013	MW03R	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.013 U	0.059	0.083	*0.13*	***0.23***	***0.41***	0.25	0.15	**0.21**	*0.046* J	0.26	0.022 U	0.17	0.019 U	0.057	0.22
040925008	MW05	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 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	0.020 U	0.026 U	0.023 U
040925003/040925004 (N)	MW302	04/09/25	0.42 J	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	*0.030* J	0.041 J	0.11	0.79	0.61	*1.1*	***2.3***	***2.4***	1.5	0.94	**1.3**	*0.25*	2.0	0.11	*1.2*	*0.20*	0.35	1.4
040925006	MW303	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.019 U	0.014 U	0.018 J	0.013 U	0.019 U	0.014 U	0.013 U	0.062	0.028 J	0.023 U	0.028 J	0.019 U	0.027 U	0.025 U	0.020 J	0.021 U	0.027 U	0.029 J
040925005	MW304	04/09/25	***52.2***	*5.0*	16.4	4.7	8.3	13.0	*0.16* J	0.085 J	0.059 U	0.053 U	0.078 U	0.058 U	0.054 U	0.041 J	0.099 U	0.095 U	0.056 J	0.076 U	0.11 U	0.10 U	0.066 U	*28.7*	0.11 U	0.096 U
040925001	MW305	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.019 U	0.015 U	0.015 U	0.013 U	0.019 U	0.014 U	0.013 U	0.0096 U	0.025 U	0.023 U	0.013 U	0.019 U	0.028 U	0.025 U	0.016 U	0.021 U	0.027 U	0.024 U
040925011	MW306	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.014 U	0.67	0.012 U	0.018 U	0.013 U	0.013 U	0.013 J	0.023 U	0.022 U	0.012 U	0.018 U	0.026 U	0.023 U	0.015 U	0.038 J	0.025 U	0.092
041025018	MW307R	04/10/25	0.35 J	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	*0.35*	0.015 U	1.8	0.065	0.050 J	*0.037* J	***0.033*** J	0.057	0.029 J	0.024 U	0.051 J	0.019 U	0.17	0.27	0.023 J	*0.35*	0.18	0.15
040925010	MW308	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.014 U	0.014 U	0.013 U	0.019 U	0.019 J	0.016 J	0.031 J	0.024 U	0.023 U	0.024 J	0.018 U	0.049 J	0.024 U	0.016 U	0.021 U	0.026 U	0.034 J
041025020	MW310	04/10/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	*0.027* J	0.033 J	0.15	0.014 U	0.034 J	0.017 J	0.024 J	0.052 J	0.029 J	0.024 U	0.040 J	0.019 U	0.082	0.047 J	0.022 J	*0.50*	0.034 J	0.070
041025021	MW311	04/10/25	***157***	*80.4*	11.8	46.2	16.4	62.6	*91.6*	21.4	76.1	0.81 J	3.5	0.58 U	0.54 U	0.39 U	0.99 U	0.95 U	0.54 U	0.76 U	2.2	19.3	0.66 U	***409***	20.9	2.0 J
041025019	MW312	04/10/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.014 U	0.072	0.013 U	0.021 J	0.018 J	0.023 J	0.045 J	0.029 J	0.023 U	0.040 J	0.018 U	0.082	0.024 U	0.021 J	*0.17*	0.041 J	0.067
040925007	MW313	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.019 U	0.014 U	0.30	0.013 U	0.019 U	0.014 U	0.013 U	0.045 J	0.024 U	0.023 U	0.035 J	0.019 U	0.040 J	0.044 J	0.017 J	0.021 U	0.027 U	0.029 J
041025022/041025023 (N)	MWFCOND	04/10/25	***1,340***	*77.7*	--	--	--	--	--	--	--	--	--	--	***20.6***	***25.4***	--	--	**16.3**	--	--	--	--	***1,240***	--	--
041025026	MWG2	04/10/25	***1,530***	***1,970***	--	--	--	--	--	--	--	--	--	--	7.5 U	***5.5*** J	--	--	**8.1** J	--	--	--	--	***5,690***	--	--
041025027	MWJ1	04/10/25	***2,340***	*125*	--	--	--	--	--	--	--	--	--	--	***2.9*** J	***3.9*** J	--	--	**4.0** J	--	--	--	--	***3,870***	--	--
041025025	MWTCONB	04/10/25	0.30 U	0.33 U	--	--	--	--	--	--	--	--	--	--	***0.037*** J	0.074	--	--	0.050 J	--	--	--	--	0.066	--	--
040925002	P302	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.017 U	0.013 U	0.014 U	0.012 U	0.018 U	0.013 U	0.012 U	0.0089 U	0.023 U	0.022 U	0.012 U	0.017 U	0.025 U	0.023 U	0.015 U	0.019 U	0.025 U	0.022 U
040925014	P303	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.016 U	0.013 U	0.013 U	0.045 J	0.033 J	*0.10*	***0.096***	0.12	0.058	0.051	**0.085**	0.016 U	0.24	0.022 U	0.048	0.018 U	0.14	0.18
040925012	P304	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.014 U	0.014 U	0.013 U	0.019 U	*0.050* J	***0.065***	0.12	0.068	0.051 J	0.10	0.018 U	0.19	0.024 U	0.052	0.020 U	0.079	0.14
040925009	P305	04/09/25	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.014 U	0.45	0.028 J	0.018 U	0.014 U	0.013 U	0.011 J	0.023 U	0.022 U	0.013 U	0.018 U	0.026 U	0.023 U	0.015 U	0.020 U	0.025 U	0.022 U

Total Number of Samples Analyzed:	23	23	18	18	18	18	18	18	18	18	18	18	23	23	18	18	23	18	18	18	18	23	18	18
Number of Detections:	8	6	2	2	2	2	6	5	10	7	8	9	13	19	8	4	17	2	11	5	10	13	9	13
Min:	0.35	5	11.8	4.7	8.3	13	0.025	0.028	0.018	0.017	0.021	0.017	0.016	0.011	0.028	0.051	0.024	0.046	0.04	0.044	0.017	0.038	0.034	0.029
Max:	2,340	1,970	16.4	46.2	16.4	62.6	91.6	21.4	76.1	0.81	3.5	1.1	20.6	25.4	1.5	0.94	16.3	0.25	2.2	19.3	1.2	5,690	20.9	2
Tap Water RSL:	0.46	1.5	1100	190	190	190	0.01	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: :	6	6	0	0	0	0	6	0	0	0	0	6	10	6	0	0	0	2	0	0	1	11	0	0
WI Groundwater SL:	5	700	800	NS	NS	2000	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:	6	1	0	0	0	0	0	0	0	0	0	0	5	6	0	0	6	0	0	0	0	5	0	0
WI Groundwater PAL:	0.5	140	160	NS	NS	400	NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50
Number of Samples that Exceed WI Groundwater PAL:	6	1	0	0	0	0	0	0	0	0	0	0	12	17	0	0	17	0	0	0	0	6	0	0

Analyte concentration

Italicized	exceeds the standard/screening level for Tap Water RSL
Bold	exceeds the standard/screening level for WI Groundwater SL
Underlined	attains or exceeds the standard/screening level for WI Groundwater PAL

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

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

Groundwater and Tap Water 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, several revisions of the RSLs have been published by EPA through November 2024. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

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
µS/cm = microsiemens per centimeter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
CERCLIS = Comprehensive Environmental Response, Compensation, and Liability Information System
Deg C = degrees Celsius
EPA = Environmental Protection Agency
GW = Groundwater
mg/L = milligrams per liter
MGP = manufactured gas plant
NA = Not Applicable
NO2 + NO3 = nitrite plus nitrate
NS = No Standard or Screening Level
NTU = Nephelometric Turbidity Unit
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
RSL = Regional Screening Level
s.u. = standard units
SL = Screening Level
USEPA = United States Environmental Protection Agency
WI = Wisconsin

Table 1. Groundwater Analytical Results Compared to the Groundwater Standard, Tap Water Criteria, and WI PAL

Monthly Progress Report - April 2025 Sample Results
Wisconsin Public Service Corporation
Marinette Former MGP
Marinette, Wisconsin
BRRTS# 0238000047 CERCLIS ID: WIN000509952

9-digit Code	Sample Location	Sample Date	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Inorganic	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field	Field
			Aluminum, Dissolved	Antimony, Dissolved	Copper, Dissolved	Iron, Dissolved	Manganese, Dissolved	Nickel, Dissolved	Silver, Dissolved	Vanadium, Dissolved	Zinc, Dissolved	Alkalinity, Total	Nitrogen, NO2 + NO3, Total	Sulfate, Total	Methane	Dissolved oxygen	Groundwater, depth to	Oxidation Reduction Potential	pH, Field	Specific Conductance, Field	Temperature, Water	Turbidity, Quantitative
		Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	feet	millivolts	s.u.	µS/cm	Deg C	NTUs
			Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
		Tap Water RSL:	*20,000*	*7.8*	*800*	*14,000*	*430*	*390*	*94*	*86*	*6,000*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*	*NS*
		WI Groundwater SL:	**200**	**6**	**1,300**	**NS**	**300**	**100**	**50**	**30**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
		WI Groundwater PAL:	40	1.2	130	150	60	20	10	6	2,500	NS	2,000	125,000	NS	NS	NS	NS	NS	NS	NS	NS
041025016/041025017 (N)	MW01R	04/10/25	117 U	0.30 U	3.8 U	7,220	***643***	0.75 J	0.59 J	0.93 J	20.7 U	274,000	59 U	26,400	4,780	0.28	4.12	-63.2	6.70	571.0	3.49	10.20
041025024	MW03	04/10/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.30	--	--	--	--	--
040925013	MW03R	04/09/25	159 J	0.92 J	8.2 J	116 U	2.4 U	1.9 J	0.31 J	1.5 J	20.7 U	321,000	3,300	33,200	0.58 U	9.56	5.57	-8.3	6.96	640.7	6.49	34.56
040925008	MW05	04/09/25	117 U	0.30 U	3.8 U	116 U	175	0.78 J	0.25 U	0.63 U	20.7 U	233,000	1,300	50,100	0.58 U	0.53	6.87	8.5	7.40	849.1	8.69	18.26
040925003/040925004 (N)	MW302	04/09/25	117 U	1.1 J	4.8 J	433 J	71.3	2.8	0.25 U	0.63 U	20.7 U	403,000	2,200	254,000	3.1	0.64	12.00	123.9	6.66	1212.7	6.51	33.08
040925006	MW303	04/09/25	117 U	0.30 U	3.8 U	12,100	***800***	0.57 U	0.25 U	0.97 J	20.7 U	379,000	79 J	90,800	840	0.41	4.62	10.7	7.12	1515.1	8.66	236.75
040925005	MW304	04/09/25	117 U	2.8	5.2 J	116 U	15.4	1.2 J	0.25 U	3.1	20.7 U	413,000	340	75,600	10.1	1.47	6.71	106.4	7.09	858.2	8.27	8.08
040925001	MW305	04/09/25	117 U	0.30 U	3.8 U	116 U	2.4 U	0.57 U	0.25 U	0.63 U	20.7 U	244,000	4,500	59,600	0.58 U	2.62	14.83	151.6	7.53	1076.6	8.06	0.00
040925011	MW306	04/09/25	117 U	0.30 U	3.8 U	12,900	***1,880***	0.63 J	0.25 U	1.0 J	20.7 U	292,000	130 J	20,900	0.58 U	1.39	3.84	-28.1	7.09	617.6	5.97	10.94
041025018	MW307R	04/10/25	117 U	0.30 U	3.8 U	*37,000*	***481***	0.57 U	0.25 U	0.63 U	20.7 U	342,000	90 J	7,800 J	5,450	0.25	5.01	-108.3	7.23	1632.9	5.58	3.58
040925010	MW308	04/09/25	294 U	0.75 U	9.5 U	290 U	194	8.8	0.64 U	1.6 U	126 J	745,000	170 J	661,000	11.9	5.10	6.52	46.9	6.71	11440.7	7.64	24.87
041025020	MW310	04/10/25	117 U	0.52 J	3.8 U	269 J	223	1.6 J	0.25 U	0.77 J	20.7 U	353,000	59 U	56,900	160	0.46	5.82	-104.5	7.00	861.0	8.05	11.10
041025021	MW311	04/10/25	117 U	0.30 U	3.8 U	*43,800*	***1,380***	0.69 J	0.25 U	1.9 J	20.7 U	821,000	90 J	5,700 J	530	0.41	5.75	-103.2	6.80	3245.1	7.42	10.77
041025019	MW312	04/10/25	117 U	0.30 U	3.8 U	*29,200*	***910***	0.71 J	0.25 U	0.63 U	20.7 U	282,000	65 J	251,000	9,920	0.21	3.31	-112.3	6.75	1962.8	6.36	28.43
040925007	MW313	04/09/25	117 U	1.9 J	4.8 J	4,890	***468***	4.1	0.96 J	3.9	20.7 U	299,000	2,500	82,100	1,350	1.83	3.50	7.7	6.77	711.8	5.66	81.44
041025022/041025023 (N)	MWFCOND	04/10/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.95	--	--	--	--	--
041025026	MWG2	04/10/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.09	--	--	--	--	--
041025027	MWJ1	04/10/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.35	--	--	--	--	--
041025025	MWTCONB	04/10/25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.50	--	--	--	--	--
040925002	P302	04/09/25	117 U	0.30 U	4.1 J	116 U	49.8	4.0	0.25 U	4.1	20.7 U	218,000	210 J	48,900	1.1 J	3.31	12.89	122.1	7.23	835.6	9.00	9.11
040925014	P303	04/09/25	117 U	0.30 U	3.8 U	116 U	3.7 J	0.62 J	0.25 U	0.72 J	20.7 U	144,000	230 J	887,000	6.0	8.29	33.20	-0.6	7.47	1916.3	8.67	6.66
040925012	P304	04/09/25	--	--	--	--	--	--	--	--	--	215,000	2,100	568,000	197	9.92	33.10	-4.8	6.89	1651.8	10.04	258.47
040925009	P305	04/09/25	117 U	0.30 U	3.8 U	116 U	4.5 J	27.5	0.25 U	0.63 U	42.6 J	378,000	1,700	8,500	0.58 U	4.58	7.00	21.4	7.06	1672.2	8.74	0.00

Total Number of Samples Analyzed:	17	17	17	17	17	17	17	17	17	18	18	18	18	18	23	18	18	18	18	18		
Number of Detections:	1	5	5	9	15	14	3	10	2	18	16	18	13	18	23	18	18	18	18	18		
Min:	159	0.52	4.1	269	3.7	0.62	0.31	0.72	42.6	144,000	65	5,700	1.1	0.21	3.31	-112.3	6.66	571	3.49	0		
Max:	159	2.8	8.2	43,800	1,880	27.5	0.96	4.1	126	821,000	4,500	887,000	9,920	9.92	33.2	151.6	7.53	11,441	10.04	258.47		
Tap Water RSL:	20000	7.8	800	14000	430	390	94	86	6000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Number of Samples that Exceed Tap Water RSL: :	0	0	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WI Groundwater SL:	200	6	1300	NS	300	100	50	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Number of Samples that Exceed WI Groundwater SL:	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WI Groundwater PAL:	40	1.2	130	150	60	20	10	6	2500	NS	2000	125000	NS	NS	NS	NS	NS	NS	NS	NS		
Number of Samples that Exceed WI Groundwater PAL:	1	2	0	9	11	1	0	0	0	0	5	5	0	0	0	0	0	0	0	0		

[O:LDH 5/9/25,C:MGP 5/13/25]

Analyte concentration

Italicized	exceeds the standard/screening level for Tap Water RSL
Bold	exceeds the standard/screening level for WI Groundwater SL
Underlined	attains or exceeds the standard/screening level for WI Groundwater PAL

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

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

Groundwater and Tap Water 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, several revisions of the RSLs have been published by EPA through November 2024. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

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
µS/cm = microsiemens per centimeter
BRRTS = Bureau for Remediation and Redevelopment Tracking System
BTEX = Benzene, Toluene, Ethylbenzene and Xylene
CERCLIS = Comprehensive Environmental Response, Compensation, and Liability Information System
Deg C = degrees Celsius
EPA = Environmental Protection Agency
GW = Groundwater
mg/L = milligrams per liter
MGP = manufactured gas plant
NA = Not Applicable
NO2 + NO3 = nitrite plus nitrate
NS = No Standard or Screening Level
NTU = Nephelometric Turbidity Unit
PAH = Polycyclic Aromatic Hydrocarbon
PAL = Preventive Action Limit
RSL = Regional Screening Level
s.u. = standard units
SL = Screening Level
USEPA = United States Environmental Protection Agency
WI = Wisconsin

ATTACHMENT

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

April 25, 2025

Emily Ruder
Ramboll
234 W Florida St
Fifth Floor
Milwaukee, WI 53204

RE: Project: Marinette Former MGP
Pace Project No.: 40293472

Dear Emily Ruder:

Enclosed are the analytical results for sample(s) received by the laboratory on April 10, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: ERIC BAUER, Ramboll
NRT Data, Ramboll
Abigail Small, Ramboll
Scott Woods, Ramboll

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CERTIFICATIONS

Project: Marinette Former MGP
Pace Project No.: 40293472

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

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SAMPLE SUMMARY

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40293472001	**040925001**	Water	04/09/25 11:14	04/10/25 16:15
40293472002	**040925002**	Water	04/09/25 12:15	04/10/25 16:15
40293472003	**040925003**	Water	04/09/25 12:55	04/10/25 16:15
40293472004	**040925004**	Water	04/09/25 13:00	04/10/25 16:15
40293472005	**040925005**	Water	04/09/25 13:52	04/10/25 16:15
40293472006	**040925006**	Water	04/09/25 14:34	04/10/25 16:15
40293472007	**040925007**	Water	04/09/25 15:21	04/10/25 16:15
40293472008	**040925008**	Water	04/09/25 16:11	04/10/25 16:15
40293472009	**040925009**	Water	04/09/25 17:13	04/10/25 16:15
40293472010	**040925010**	Water	04/09/25 17:50	04/10/25 16:15
40293472011	**040925011**	Water	04/09/25 18:47	04/10/25 16:15
40293472012	**040925012**	Water	04/09/25 19:15	04/10/25 16:15
40293472013	**040925013**	Water	04/09/25 19:44	04/10/25 16:15
40293472014	**040925014**	Water	04/09/25 20:10	04/10/25 16:15
40293472015	**040925015**	Water	04/09/25 20:30	04/10/25 16:15
40293472016	**041025016**	Water	04/10/25 07:45	04/10/25 16:15
40293472017	**041025017**	Water	04/10/25 07:50	04/10/25 16:15
40293472018	**041025018**	Water	04/10/25 08:40	04/10/25 16:15
40293472019	**041025019**	Water	04/10/25 09:52	04/10/25 16:15
40293472020	**041025020**	Water	04/10/25 10:31	04/10/25 16:15
40293472021	**041025021**	Water	04/10/25 11:09	04/10/25 16:15
40293472022	**041025022**	Water	04/10/25 11:55	04/10/25 16:15
40293472023	**041025023**	Water	04/10/25 12:00	04/10/25 16:15
40293472024	**041025024**	Water	04/10/25 12:35	04/10/25 16:15
40293472025	**041025025**	Water	04/10/25 13:03	04/10/25 16:15
40293472026	**041025026**	Water	04/10/25 13:30	04/10/25 16:15
40293472027	**041025027**	Water	04/10/25 14:00	04/10/25 16:15
40293472028	**041025028**	Water	04/10/25 14:20	04/10/25 16:15
40293472029	**041025029**	Water	04/10/25 00:00	04/10/25 16:15

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SAMPLE ANALYTE COUNT

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40293472001	**040925001**	EPA 8015B Modified	ALD	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472002	**040925002**	EPA 8015B Modified	ALD	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472003	**040925003**	EPA 8015B Modified	ALD	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472004	**040925004**	EPA 8015B Modified	ALD	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472005	**040925005**	EPA 8015B Modified	ALD	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472006	**040925006**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472007	**040925007**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472008	**040925008**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	NB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472009	**040925009**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472010	**040925010**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472011	**040925011**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G

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SAMPLE ANALYTE COUNT

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472012	**040925012**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472013	**040925013**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	TXW	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472014	**040925014**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472015	**040925015**	EPA 8260	EIB	9	PASI-G
40293472016	**041025016**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472017	**041025017**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	MT	1	PASI-G
40293472018	**041025018**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472019	**041025019**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472020	**041025020**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472021	**041025021**	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	AJS1	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40293472022	**041025022**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	EIB	5	PASI-G
40293472023	**041025023**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	EIB	5	PASI-G
40293472024	**041025024**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	EIB	5	PASI-G
40293472025	**041025025**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	EIB	5	PASI-G

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SAMPLE ANALYTE COUNT

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40293472026	**041025026**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	EIB	5	PASI-G
40293472027	**041025027**	EPA 8270E by SIM	TPO	6	PASI-G
		EPA 8260	NB	5	PASI-G
40293472028	**041025028**	EPA 8260	NB	9	PASI-G
40293472029	**041025029**	EPA 8260	NB	9	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

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

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

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

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

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

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

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

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

QC Batch: 501904

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40293387004

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

- MS (Lab ID: 2866056)
  - Methane
- MSD (Lab ID: 2866057)
  - Methane

QC Batch: 502118

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40293472018

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

- MS (Lab ID: 2866953)
  - Methane
- MSD (Lab ID: 2866954)
  - Methane

Additional Comments:

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

General Information:
19 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: 501840

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

- 040925001 (Lab ID: 40293472001)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

Analyte Comments:

QC Batch: 501840

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

- 040925002 (Lab ID: 40293472002)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Antimony, Dissolved
  - Zinc, Dissolved
- 040925003 (Lab ID: 40293472003)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925004 (Lab ID: 40293472004)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925005 (Lab ID: 40293472005)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Nickel, Dissolved
  - Zinc, Dissolved
- 040925006 (Lab ID: 40293472006)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925007 (Lab ID: 40293472007)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Antimony, Dissolved

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

Analyte Comments:

QC Batch: 501840

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

- 040925007 (Lab ID: 40293472007)
  - Zinc, Dissolved
- 040925008 (Lab ID: 40293472008)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925009 (Lab ID: 40293472009)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925010 (Lab ID: 40293472010)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925011 (Lab ID: 40293472011)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925013 (Lab ID: 40293472013)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Nickel, Dissolved

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

Analyte Comments:

QC Batch: 501840

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

- 040925013 (Lab ID: 40293472013)
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 040925014 (Lab ID: 40293472014)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Manganese, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025016 (Lab ID: 40293472016)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025017 (Lab ID: 40293472017)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025018 (Lab ID: 40293472018)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025019 (Lab ID: 40293472019)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 6020B**
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

Analyte Comments:

QC Batch: 501840

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

- 041025019 (Lab ID: 40293472019)
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025020 (Lab ID: 40293472020)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Iron, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved
- 041025021 (Lab ID: 40293472021)
  - Silver, Dissolved
  - Aluminum, Dissolved
  - Copper, Dissolved
  - Nickel, Dissolved
  - Antimony, Dissolved
  - Vanadium, Dissolved
  - Zinc, Dissolved

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 8270E by SIM**
Description: 8270E MSSV PAH
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

General Information:
26 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: 502162

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

- 041025026 (Lab ID: 40293472026)
  - 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.

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

QC Batch: 501930

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

Additional Comments:

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 8260**
Description: 8260 MSV UST
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

General Information:
29 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:

Analyte Comments:

QC Batch: 501858

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

- 041025026 (Lab ID: 40293472026)
  - 1,2-Dichlorobenzene-d4 (S)

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

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

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 502299

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

- 041025018 (Lab ID: 40293472018)
  - Sulfate
- 041025021 (Lab ID: 40293472021)
  - Sulfate

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 310.2**
Description: 310.2 Alkalinity
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

General Information:
20 samples were analyzed for EPA 310.2 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 502020

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40293472008,40293472018

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

- MS (Lab ID: 2866401)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 2866402)
  - Alkalinity, Total as CaCO3

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Marinette Former MGP
Pace Project No.: 40293472

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: April 25, 2025

General Information:
20 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: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925001 **Lab ID: 40293472001** Collected: 04/09/25 11:14 Received: 04/10/25 16:15 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		04/14/25 18:22	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/16/25 16:35	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/16/25 16:35	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/16/25 16:35	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/16/25 16:35	7439-89-6	D3
Manganese, Dissolved	**<2.4**	ug/L	8.1	2.4	2	04/14/25 05:55	04/16/25 16:35	7439-96-5	D3
Nickel, Dissolved	**<0.57**	ug/L	2.0	0.57	2	04/14/25 05:55	04/16/25 16:35	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/16/25 16:35	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/16/25 16:35	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/16/25 16:35	7440-66-6	D3
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	04/14/25 12:37	04/14/25 16:53	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.053	0.013	1	04/14/25 12:37	04/14/25 16:53	208-96-8	
Anthracene	**<0.019**	ug/L	0.053	0.019	1	04/14/25 12:37	04/14/25 16:53	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.053	0.014	1	04/14/25 12:37	04/14/25 16:53	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.053	0.013	1	04/14/25 12:37	04/14/25 16:53	50-32-8	
Benzo(b)fluoranthene	**<0.0096**	ug/L	0.053	0.0096	1	04/14/25 12:37	04/14/25 16:53	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	04/14/25 12:37	04/14/25 16:53	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.053	0.023	1	04/14/25 12:37	04/14/25 16:53	207-08-9	
Chrysene	**<0.013**	ug/L	0.053	0.013	1	04/14/25 12:37	04/14/25 16:53	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	04/14/25 12:37	04/14/25 16:53	53-70-3	
Fluoranthene	**<0.028**	ug/L	0.053	0.028	1	04/14/25 12:37	04/14/25 16:53	206-44-0	
Fluorene	**<0.025**	ug/L	0.053	0.025	1	04/14/25 12:37	04/14/25 16:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.053	0.016	1	04/14/25 12:37	04/14/25 16:53	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.053	0.019	1	04/14/25 12:37	04/14/25 16:53	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.053	0.015	1	04/14/25 12:37	04/14/25 16:53	91-57-6	
Naphthalene	**<0.021**	ug/L	0.053	0.021	1	04/14/25 12:37	04/14/25 16:53	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.053	0.027	1	04/14/25 12:37	04/14/25 16:53	85-01-8	
Pyrene	**<0.024**	ug/L	0.053	0.024	1	04/14/25 12:37	04/14/25 16:53	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	49	%	33-123		1	04/14/25 12:37	04/14/25 16:53	321-60-8	
Terphenyl-d14 (S)	47	%	36-134		1	04/14/25 12:37	04/14/25 16:53	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		04/15/25 17:18	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 17:18	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 17:18	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 17:18	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 17:18	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925001 **Lab ID: 40293472001** Collected: 04/09/25 11:14 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 17:18	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/15/25 17:18	2199-69-1	
4-Bromofluorobenzene (S)	112	%	70-130		1		04/15/25 17:18	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		04/15/25 17:18	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**59.6**	mg/L	2.0	0.44	1		04/15/25 19:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**244**	mg/L	25.0	7.4	1		04/16/25 12:03		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**4.5**	mg/L	0.25	0.059	1		04/21/25 13:38		

Sample: 040925002 **Lab ID: 40293472002** Collected: 04/09/25 12:15 Received: 04/10/25 16:15 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	**1.1J**	ug/L	2.8	0.58	1		04/14/25 17:28	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 03:56	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 03:56	7440-36-0	D3
Copper, Dissolved	**4.1J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 03:56	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/18/25 03:56	7439-89-6	D3
Manganese, Dissolved	**49.8**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 03:56	7439-96-5	
Nickel, Dissolved	**4.0**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 03:56	7440-02-0	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 03:56	7440-22-4	D3
Vanadium, Dissolved	**4.1**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 03:56	7440-62-2	
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 03:56	7440-66-6	D3
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	04/14/25 12:37	04/14/25 17:10	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:10	208-96-8	
Anthracene	**<0.018**	ug/L	0.049	0.018	1	04/14/25 12:37	04/14/25 17:10	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925002 **Lab ID: 40293472002** Collected: 04/09/25 12:15 Received: 04/10/25 16:15 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(a)anthracene	**<0.013**	ug/L	0.049	0.013	1	04/14/25 12:37	04/14/25 17:10	56-55-3	
Benzo(a)pyrene	**<0.012**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:10	50-32-8	
Benzo(b)fluoranthene	**<0.0089**	ug/L	0.049	0.0089	1	04/14/25 12:37	04/14/25 17:10	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.049	0.023	1	04/14/25 12:37	04/14/25 17:10	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.049	0.022	1	04/14/25 12:37	04/14/25 17:10	207-08-9	
Chrysene	**<0.012**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:10	218-01-9	
Dibenz(a,h)anthracene	**<0.017**	ug/L	0.049	0.017	1	04/14/25 12:37	04/14/25 17:10	53-70-3	
Fluoranthene	**<0.025**	ug/L	0.049	0.025	1	04/14/25 12:37	04/14/25 17:10	206-44-0	
Fluorene	**<0.023**	ug/L	0.049	0.023	1	04/14/25 12:37	04/14/25 17:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.049	0.015	1	04/14/25 12:37	04/14/25 17:10	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.049	0.017	1	04/14/25 12:37	04/14/25 17:10	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.049	0.013	1	04/14/25 12:37	04/14/25 17:10	91-57-6	
Naphthalene	**<0.019**	ug/L	0.049	0.019	1	04/14/25 12:37	04/14/25 17:10	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.049	0.025	1	04/14/25 12:37	04/14/25 17:10	85-01-8	
Pyrene	**<0.022**	ug/L	0.049	0.022	1	04/14/25 12:37	04/14/25 17:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	33-123		1	04/14/25 12:37	04/14/25 17:10	321-60-8	
Terphenyl-d14 (S)	76	%	36-134		1	04/14/25 12:37	04/14/25 17:10	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/15/25 17:33	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 17:33	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 17:33	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 17:33	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 17:33	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 17:33	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/15/25 17:33	2199-69-1	
4-Bromofluorobenzene (S)	109	%	70-130		1		04/15/25 17:33	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		04/15/25 17:33	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**48.9**	mg/L	2.0	0.44	1		04/15/25 19:24	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**218**	mg/L	25.0	7.4	1		04/16/25 12:04		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.21J**	mg/L	0.25	0.059	1		04/21/25 13:39		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925003 **Lab ID: 40293472003** Collected: 04/09/25 12:55 Received: 04/10/25 16:15 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	**2.7J**	ug/L	2.8	0.58	1		04/14/25 17:35	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:01	7429-90-5	D3
Antimony, Dissolved	**1.1J**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:01	7440-36-0	D3
Copper, Dissolved	**4.8J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:01	7440-50-8	D3
Iron, Dissolved	**433J**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:01	7439-89-6	D3
Manganese, Dissolved	**71.3**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:01	7439-96-5	
Nickel, Dissolved	**2.8**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:01	7440-02-0	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:01	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:01	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:01	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.11**	ug/L	0.049	0.014	1	04/14/25 12:37	04/14/25 17:28	83-32-9	
Acenaphthylene	**0.79**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:28	208-96-8	
Anthracene	**0.56**	ug/L	0.049	0.018	1	04/14/25 12:37	04/14/25 17:28	120-12-7	
Benzo(a)anthracene	**1.1**	ug/L	0.049	0.013	1	04/14/25 12:37	04/14/25 17:28	56-55-3	
Benzo(a)pyrene	**2.3**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:28	50-32-8	
Benzo(b)fluoranthene	**2.4**	ug/L	0.049	0.0089	1	04/14/25 12:37	04/14/25 17:28	205-99-2	
Benzo(g,h,i)perylene	**1.5**	ug/L	0.049	0.023	1	04/14/25 12:37	04/14/25 17:28	191-24-2	
Benzo(k)fluoranthene	**0.94**	ug/L	0.049	0.022	1	04/14/25 12:37	04/14/25 17:28	207-08-9	
Chrysene	**1.3**	ug/L	0.049	0.012	1	04/14/25 12:37	04/14/25 17:28	218-01-9	
Dibenz(a,h)anthracene	**0.25**	ug/L	0.049	0.017	1	04/14/25 12:37	04/14/25 17:28	53-70-3	
Fluoranthene	**2.0**	ug/L	0.049	0.026	1	04/14/25 12:37	04/14/25 17:28	206-44-0	
Fluorene	**0.11**	ug/L	0.049	0.023	1	04/14/25 12:37	04/14/25 17:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**1.2**	ug/L	0.049	0.015	1	04/14/25 12:37	04/14/25 17:28	193-39-5	
1-Methylnaphthalene	**0.030J**	ug/L	0.049	0.018	1	04/14/25 12:37	04/14/25 17:28	90-12-0	
2-Methylnaphthalene	**0.041J**	ug/L	0.049	0.014	1	04/14/25 12:37	04/14/25 17:28	91-57-6	
Naphthalene	**0.20**	ug/L	0.049	0.020	1	04/14/25 12:37	04/14/25 17:28	91-20-3	
Phenanthrene	**0.35**	ug/L	0.049	0.025	1	04/14/25 12:37	04/14/25 17:28	85-01-8	
Pyrene	**1.4**	ug/L	0.049	0.022	1	04/14/25 12:37	04/14/25 17:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	33-123		1	04/14/25 12:37	04/14/25 17:28	321-60-8	
Terphenyl-d14 (S)	80	%	36-134		1	04/14/25 12:37	04/14/25 17:28	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.42J**	ug/L	1.0	0.30	1		04/15/25 17:49	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 17:49	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 17:49	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 17:49	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 17:49	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925003 **Lab ID: 40293472003** Collected: 04/09/25 12:55 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 17:49	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/15/25 17:49	2199-69-1	
4-Bromofluorobenzene (S)	110	%	70-130		1		04/15/25 17:49	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		04/15/25 17:49	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**254**	mg/L	40.0	8.9	20		04/16/25 23:08	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**393**	mg/L	25.0	7.4	1		04/16/25 12:05		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**2.2**	mg/L	0.25	0.059	1		04/21/25 13:45		

Sample: 040925004 **Lab ID: 40293472004** Collected: 04/09/25 13:00 Received: 04/10/25 16:15 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	**3.1**	ug/L	2.8	0.58	1		04/14/25 17:42	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:05	7429-90-5	D3
Antimony, Dissolved	**1.1J**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:05	7440-36-0	D3
Copper, Dissolved	**4.5J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:05	7440-50-8	D3
Iron, Dissolved	**336J**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:05	7439-89-6	D3
Manganese, Dissolved	**69.2**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:05	7439-96-5	
Nickel, Dissolved	**2.8**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:05	7440-02-0	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:05	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:05	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:05	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.088**	ug/L	0.051	0.014	1	04/14/25 12:37	04/14/25 19:35	83-32-9	
Acenaphthylene	**0.75**	ug/L	0.051	0.013	1	04/14/25 12:37	04/14/25 19:35	208-96-8	
Anthracene	**0.61**	ug/L	0.051	0.019	1	04/14/25 12:37	04/14/25 19:35	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925004 **Lab ID: 40293472004** Collected: 04/09/25 13:00 Received: 04/10/25 16:15 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(a)anthracene	**1.0**	ug/L	0.051	0.014	1	04/14/25 12:37	04/14/25 19:35	56-55-3	
Benzo(a)pyrene	**2.0**	ug/L	0.051	0.013	1	04/14/25 12:37	04/14/25 19:35	50-32-8	
Benzo(b)fluoranthene	**2.2**	ug/L	0.051	0.0092	1	04/14/25 12:37	04/14/25 19:35	205-99-2	
Benzo(g,h,i)perylene	**1.3**	ug/L	0.051	0.024	1	04/14/25 12:37	04/14/25 19:35	191-24-2	
Benzo(k)fluoranthene	**0.84**	ug/L	0.051	0.023	1	04/14/25 12:37	04/14/25 19:35	207-08-9	
Chrysene	**1.1**	ug/L	0.051	0.013	1	04/14/25 12:37	04/14/25 19:35	218-01-9	
Dibenz(a,h)anthracene	**0.21**	ug/L	0.051	0.018	1	04/14/25 12:37	04/14/25 19:35	53-70-3	
Fluoranthene	**1.9**	ug/L	0.051	0.027	1	04/14/25 12:37	04/14/25 19:35	206-44-0	
Fluorene	**0.094**	ug/L	0.051	0.024	1	04/14/25 12:37	04/14/25 19:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.97**	ug/L	0.051	0.016	1	04/14/25 12:37	04/14/25 19:35	193-39-5	
1-Methylnaphthalene	**0.023J**	ug/L	0.051	0.018	1	04/14/25 12:37	04/14/25 19:35	90-12-0	
2-Methylnaphthalene	**0.032J**	ug/L	0.051	0.014	1	04/14/25 12:37	04/14/25 19:35	91-57-6	
Naphthalene	**0.17**	ug/L	0.051	0.020	1	04/14/25 12:37	04/14/25 19:35	91-20-3	
Phenanthrene	**0.30**	ug/L	0.051	0.026	1	04/14/25 12:37	04/14/25 19:35	85-01-8	
Pyrene	**1.3**	ug/L	0.051	0.023	1	04/14/25 12:37	04/14/25 19:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	33-123		1	04/14/25 12:37	04/14/25 19:35	321-60-8	
Terphenyl-d14 (S)	81	%	36-134		1	04/14/25 12:37	04/14/25 19:35	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**0.40J**	ug/L	1.0	0.30	1		04/15/25 18:05	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 18:05	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 18:05	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 18:05	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 18:05	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 18:05	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/15/25 18:05	2199-69-1	
4-Bromofluorobenzene (S)	107	%	70-130		1		04/15/25 18:05	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		04/15/25 18:05	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**251**	mg/L	40.0	8.9	20		04/16/25 23:19	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**403**	mg/L	25.0	7.4	1		04/16/25 12:09		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**2.2**	mg/L	0.25	0.059	1		04/21/25 13:46		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925005 **Lab ID: 40293472005** Collected: 04/09/25 13:52 Received: 04/10/25 16:15 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	**10.1**	ug/L	2.8	0.58	1		04/14/25 17:49	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:10	7429-90-5	D3
Antimony, Dissolved	**2.8**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:10	7440-36-0	
Copper, Dissolved	**5.2J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:10	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:10	7439-89-6	D3
Manganese, Dissolved	**15.4**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:10	7439-96-5	
Nickel, Dissolved	**1.2J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:10	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:10	7440-22-4	D3
Vanadium, Dissolved	**3.1**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:10	7440-62-2	
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:10	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.059**	ug/L	0.21	0.059	4	04/14/25 12:37	04/14/25 22:01	83-32-9	
Acenaphthylene	**<0.053**	ug/L	0.21	0.053	4	04/14/25 12:37	04/14/25 22:01	208-96-8	
Anthracene	**<0.078**	ug/L	0.21	0.078	4	04/14/25 12:37	04/14/25 22:01	120-12-7	
Benzo(a)anthracene	**<0.058**	ug/L	0.21	0.058	4	04/14/25 12:37	04/14/25 22:01	56-55-3	
Benzo(a)pyrene	**<0.054**	ug/L	0.21	0.054	4	04/14/25 12:37	04/14/25 22:01	50-32-8	
Benzo(b)fluoranthene	**0.041J**	ug/L	0.21	0.039	4	04/14/25 12:37	04/14/25 22:01	205-99-2	
Benzo(g,h,i)perylene	**<0.099**	ug/L	0.21	0.099	4	04/14/25 12:37	04/14/25 22:01	191-24-2	
Benzo(k)fluoranthene	**<0.095**	ug/L	0.21	0.095	4	04/14/25 12:37	04/14/25 22:01	207-08-9	
Chrysene	**0.056J**	ug/L	0.21	0.053	4	04/14/25 12:37	04/14/25 22:01	218-01-9	
Dibenz(a,h)anthracene	**<0.076**	ug/L	0.21	0.076	4	04/14/25 12:37	04/14/25 22:01	53-70-3	
Fluoranthene	**<0.11**	ug/L	0.21	0.11	4	04/14/25 12:37	04/14/25 22:01	206-44-0	
Fluorene	**<0.10**	ug/L	0.21	0.10	4	04/14/25 12:37	04/14/25 22:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.066**	ug/L	0.21	0.066	4	04/14/25 12:37	04/14/25 22:01	193-39-5	
1-Methylnaphthalene	**0.16J**	ug/L	0.21	0.076	4	04/14/25 12:37	04/14/25 22:01	90-12-0	
2-Methylnaphthalene	**0.085J**	ug/L	0.21	0.059	4	04/14/25 12:37	04/14/25 22:01	91-57-6	
Naphthalene	**28.7**	ug/L	0.21	0.084	4	04/14/25 12:37	04/14/25 22:01	91-20-3	
Phenanthrene	**<0.11**	ug/L	0.21	0.11	4	04/14/25 12:37	04/14/25 22:01	85-01-8	
Pyrene	**<0.096**	ug/L	0.21	0.096	4	04/14/25 12:37	04/14/25 22:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	33-123		4	04/14/25 12:37	04/14/25 22:01	321-60-8	
Terphenyl-d14 (S)	38	%	36-134		4	04/14/25 12:37	04/14/25 22:01	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**52.2**	ug/L	1.0	0.30	1		04/15/25 13:27	71-43-2	
Ethylbenzene	**5.0**	ug/L	1.0	0.33	1		04/15/25 13:27	100-41-4	
Toluene	**16.4**	ug/L	1.0	0.29	1		04/15/25 13:27	108-88-3	
Xylene (Total)	**13.0**	ug/L	3.0	1.0	1		04/15/25 13:27	1330-20-7	
m&p-Xylene	**8.3**	ug/L	2.0	0.70	1		04/15/25 13:27	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925005 **Lab ID: 40293472005** Collected: 04/09/25 13:52 Received: 04/10/25 16:15 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								
o-Xylene	**4.7**	ug/L	1.0	0.35	1		04/15/25 13:27	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/15/25 13:27	2199-69-1	
4-Bromofluorobenzene (S)	108	%	70-130		1		04/15/25 13:27	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		04/15/25 13:27	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**75.6**	mg/L	4.0	0.89	2		04/16/25 23:30	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**413**	mg/L	25.0	7.4	1		04/16/25 12:10		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.34**	mg/L	0.25	0.059	1		04/21/25 13:46		

Sample: 040925006 **Lab ID: 40293472006** Collected: 04/09/25 14:34 Received: 04/10/25 16:15 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	**840**	ug/L	28.0	5.8	10		04/15/25 15:57	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:14	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:14	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:14	7440-50-8	D3
Iron, Dissolved	**12100**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:14	7439-89-6	
Manganese, Dissolved	**800**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:14	7439-96-5	
Nickel, Dissolved	**<0.57**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:14	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:14	7440-22-4	D3
Vanadium, Dissolved	**0.97J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:14	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:14	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.018J**	ug/L	0.052	0.015	1	04/14/25 12:37	04/14/25 19:53	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 19:53	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 19:53	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925006 **Lab ID: 40293472006** Collected: 04/09/25 14:34 Received: 04/10/25 16:15 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(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	04/14/25 12:37	04/14/25 19:53	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 19:53	50-32-8	
Benzo(b)fluoranthene	**0.062**	ug/L	0.052	0.0095	1	04/14/25 12:37	04/14/25 19:53	205-99-2	
Benzo(g,h,i)perylene	**0.028J**	ug/L	0.052	0.024	1	04/14/25 12:37	04/14/25 19:53	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	04/14/25 12:37	04/14/25 19:53	207-08-9	
Chrysene	**0.028J**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 19:53	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 19:53	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.052	0.027	1	04/14/25 12:37	04/14/25 19:53	206-44-0	
Fluorene	**<0.025**	ug/L	0.052	0.025	1	04/14/25 12:37	04/14/25 19:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.020J**	ug/L	0.052	0.016	1	04/14/25 12:37	04/14/25 19:53	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 19:53	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	04/14/25 12:37	04/14/25 19:53	91-57-6	
Naphthalene	**<0.021**	ug/L	0.052	0.021	1	04/14/25 12:37	04/14/25 19:53	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.052	0.027	1	04/14/25 12:37	04/14/25 19:53	85-01-8	
Pyrene	**0.029J**	ug/L	0.052	0.024	1	04/14/25 12:37	04/14/25 19:53	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	33-123		1	04/14/25 12:37	04/14/25 19:53	321-60-8	
Terphenyl-d14 (S)	83	%	36-134		1	04/14/25 12:37	04/14/25 19:53	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		04/15/25 14:31	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 14:31	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 14:31	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 14:31	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 14:31	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 14:31	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/15/25 14:31	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/15/25 14:31	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		04/15/25 14:31	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**90.8**	mg/L	20.0	4.4	10		04/16/25 23:41	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**379**	mg/L	25.0	7.4	1		04/16/25 12:11		
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		04/21/25 13:47		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925007 **Lab ID: 40293472007** Collected: 04/09/25 15:21 Received: 04/10/25 16:15 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	**1350**	ug/L	56.0	11.5	20		04/15/25 16:04	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:19	7429-90-5	D3
Antimony, Dissolved	**1.9J**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:19	7440-36-0	D3
Copper, Dissolved	**4.8J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:19	7440-50-8	D3
Iron, Dissolved	**4890**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:19	7439-89-6	
Manganese, Dissolved	**468**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:19	7439-96-5	
Nickel, Dissolved	**4.1**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:19	7440-02-0	
Silver, Dissolved	**0.96J**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:19	7440-22-4	D3
Vanadium, Dissolved	**3.9**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:19	7440-62-2	
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:19	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.30**	ug/L	0.052	0.015	1	04/14/25 12:37	04/14/25 20:12	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 20:12	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 20:12	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.052	0.014	1	04/14/25 12:37	04/14/25 20:12	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 20:12	50-32-8	
Benzo(b)fluoranthene	**0.045J**	ug/L	0.052	0.0095	1	04/14/25 12:37	04/14/25 20:12	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	04/14/25 12:37	04/14/25 20:12	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	04/14/25 12:37	04/14/25 20:12	207-08-9	
Chrysene	**0.035J**	ug/L	0.052	0.013	1	04/14/25 12:37	04/14/25 20:12	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 20:12	53-70-3	
Fluoranthene	**0.040J**	ug/L	0.052	0.027	1	04/14/25 12:37	04/14/25 20:12	206-44-0	
Fluorene	**0.044J**	ug/L	0.052	0.025	1	04/14/25 12:37	04/14/25 20:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.017J**	ug/L	0.052	0.016	1	04/14/25 12:37	04/14/25 20:12	193-39-5	
1-Methylnaphthalene	**<0.019**	ug/L	0.052	0.019	1	04/14/25 12:37	04/14/25 20:12	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	04/14/25 12:37	04/14/25 20:12	91-57-6	
Naphthalene	**<0.021**	ug/L	0.052	0.021	1	04/14/25 12:37	04/14/25 20:12	91-20-3	
Phenanthrene	**<0.027**	ug/L	0.052	0.027	1	04/14/25 12:37	04/14/25 20:12	85-01-8	
Pyrene	**0.029J**	ug/L	0.052	0.024	1	04/14/25 12:37	04/14/25 20:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%	33-123		1	04/14/25 12:37	04/14/25 20:12	321-60-8	
Terphenyl-d14 (S)	88	%	36-134		1	04/14/25 12:37	04/14/25 20:12	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		04/15/25 14:51	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 14:51	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 14:51	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 14:51	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 14:51	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925007 **Lab ID: 40293472007** Collected: 04/09/25 15:21 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 14:51	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		04/15/25 14:51	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		04/15/25 14:51	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		04/15/25 14:51	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**82.1**	mg/L	4.0	0.89	2		04/16/25 23:52	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**299**	mg/L	25.0	7.4	1		04/16/25 12:12		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**2.5**	mg/L	0.25	0.059	1		04/21/25 13:48		

Sample: 040925008 **Lab ID: 40293472008** Collected: 04/09/25 16:11 Received: 04/10/25 16:15 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		04/15/25 12:04	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/16/25 16:16	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/16/25 16:16	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/16/25 16:16	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/16/25 16:16	7439-89-6	D3
Manganese, Dissolved	**175**	ug/L	8.1	2.4	2	04/14/25 05:55	04/16/25 16:16	7439-96-5	
Nickel, Dissolved	**0.78J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/16/25 16:16	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/16/25 16:16	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/16/25 16:16	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/16/25 16:16	7440-66-6	D3
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	04/15/25 06:53	04/15/25 17:24	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 17:24	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	04/15/25 06:53	04/15/25 17:24	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925008 **Lab ID: 40293472008** Collected: 04/09/25 16:11 Received: 04/10/25 16:15 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(a)anthracene	**<0.014**	ug/L	0.051	0.014	1	04/15/25 06:53	04/15/25 17:24	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 17:24	50-32-8	
Benzo(b)fluoranthene	**<0.0093**	ug/L	0.051	0.0093	1	04/15/25 06:53	04/15/25 17:24	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.051	0.024	1	04/15/25 06:53	04/15/25 17:24	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.051	0.023	1	04/15/25 06:53	04/15/25 17:24	207-08-9	
Chrysene	**<0.013**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 17:24	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	04/15/25 06:53	04/15/25 17:24	53-70-3	
Fluoranthene	**<0.027**	ug/L	0.051	0.027	1	04/15/25 06:53	04/15/25 17:24	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	04/15/25 06:53	04/15/25 17:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.051	0.016	1	04/15/25 06:53	04/15/25 17:24	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	04/15/25 06:53	04/15/25 17:24	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	04/15/25 06:53	04/15/25 17:24	91-57-6	
Naphthalene	**<0.020**	ug/L	0.051	0.020	1	04/15/25 06:53	04/15/25 17:24	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.051	0.026	1	04/15/25 06:53	04/15/25 17:24	85-01-8	
Pyrene	**<0.023**	ug/L	0.051	0.023	1	04/15/25 06:53	04/15/25 17:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	33-123		1	04/15/25 06:53	04/15/25 17:24	321-60-8	
Terphenyl-d14 (S)	80	%	36-134		1	04/15/25 06:53	04/15/25 17:24	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/15/25 13:11	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 13:11	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 13:11	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 13:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 13:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 13:11	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/15/25 13:11	2199-69-1	
4-Bromofluorobenzene (S)	110	%	70-130		1		04/15/25 13:11	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		04/15/25 13:11	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**50.1**	mg/L	10.0	2.2	5		04/17/25 00:03	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**233**	mg/L	25.0	7.4	1		04/16/25 12:13		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.3**	mg/L	0.25	0.059	1		04/21/25 13:49		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925009 **Lab ID: 40293472009** Collected: 04/09/25 17:13 Received: 04/10/25 16:15 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		04/15/25 12:11	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:23	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:23	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:23	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:23	7439-89-6	D3
Manganese, Dissolved	**4.5J**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:23	7439-96-5	D3
Nickel, Dissolved	**27.5**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:23	7440-02-0	
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:23	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:23	7440-62-2	D3
Zinc, Dissolved	**42.6J**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:23	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.45**	ug/L	0.050	0.014	1	04/15/25 06:53	04/15/25 19:31	83-32-9	
Acenaphthylene	**0.028J**	ug/L	0.050	0.013	1	04/15/25 06:53	04/15/25 19:31	208-96-8	
Anthracene	**<0.018**	ug/L	0.050	0.018	1	04/15/25 06:53	04/15/25 19:31	120-12-7	
Benzo(a)anthracene	**<0.014**	ug/L	0.050	0.014	1	04/15/25 06:53	04/15/25 19:31	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.050	0.013	1	04/15/25 06:53	04/15/25 19:31	50-32-8	
Benzo(b)fluoranthene	**0.011J**	ug/L	0.050	0.0090	1	04/15/25 06:53	04/15/25 19:31	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	04/15/25 06:53	04/15/25 19:31	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	04/15/25 06:53	04/15/25 19:31	207-08-9	
Chrysene	**<0.013**	ug/L	0.050	0.013	1	04/15/25 06:53	04/15/25 19:31	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	04/15/25 06:53	04/15/25 19:31	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.050	0.026	1	04/15/25 06:53	04/15/25 19:31	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	04/15/25 06:53	04/15/25 19:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.050	0.015	1	04/15/25 06:53	04/15/25 19:31	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	04/15/25 06:53	04/15/25 19:31	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	04/15/25 06:53	04/15/25 19:31	91-57-6	
Naphthalene	**<0.020**	ug/L	0.050	0.020	1	04/15/25 06:53	04/15/25 19:31	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.050	0.025	1	04/15/25 06:53	04/15/25 19:31	85-01-8	
Pyrene	**<0.022**	ug/L	0.050	0.022	1	04/15/25 06:53	04/15/25 19:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	33-123		1	04/15/25 06:53	04/15/25 19:31	321-60-8	
Terphenyl-d14 (S)	72	%	36-134		1	04/15/25 06:53	04/15/25 19:31	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		04/15/25 15:10	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 15:10	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 15:10	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 15:10	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 15:10	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925009 **Lab ID: 40293472009** Collected: 04/09/25 17:13 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 15:10	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/15/25 15:10	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/15/25 15:10	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		04/15/25 15:10	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**8.5**	mg/L	2.0	0.44	1		04/17/25 01:08	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**378**	mg/L	25.0	7.4	1		04/16/25 12:16		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.7**	mg/L	0.25	0.059	1		04/21/25 13:51		

Sample: 040925010 **Lab ID: 40293472010** Collected: 04/09/25 17:50 Received: 04/10/25 16:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Methane	**11.9**	ug/L	2.8	0.58	1		04/15/25 12:19	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<294**	ug/L	1250	294	5	04/14/25 05:55	04/18/25 04:28	7429-90-5	D3
Antimony, Dissolved	**<0.75**	ug/L	5.0	0.75	5	04/14/25 05:55	04/18/25 04:28	7440-36-0	D3
Copper, Dissolved	**<9.5**	ug/L	31.8	9.5	5	04/14/25 05:55	04/18/25 04:28	7440-50-8	D3
Iron, Dissolved	**<290**	ug/L	1250	290	5	04/14/25 05:55	04/18/25 04:28	7439-89-6	D3
Manganese, Dissolved	**194**	ug/L	20.2	6.1	5	04/14/25 05:55	04/18/25 04:28	7439-96-5	
Nickel, Dissolved	**8.8**	ug/L	5.0	1.4	5	04/14/25 05:55	04/18/25 04:28	7440-02-0	
Silver, Dissolved	**<0.64**	ug/L	2.5	0.64	5	04/14/25 05:55	04/18/25 04:28	7440-22-4	D3
Vanadium, Dissolved	**<1.6**	ug/L	5.2	1.6	5	04/14/25 05:55	04/18/25 04:28	7440-62-2	D3
Zinc, Dissolved	**126J**	ug/L	172	51.6	5	04/14/25 05:55	04/18/25 04:28	7440-66-6	D3
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	04/15/25 06:53	04/15/25 19:49	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.052	0.013	1	04/15/25 06:53	04/15/25 19:49	208-96-8	
Anthracene	**<0.019**	ug/L	0.052	0.019	1	04/15/25 06:53	04/15/25 19:49	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925010 **Lab ID: 40293472010** Collected: 04/09/25 17:50 Received: 04/10/25 16:15 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(a)anthracene	**0.019J**	ug/L	0.052	0.014	1	04/15/25 06:53	04/15/25 19:49	56-55-3	
Benzo(a)pyrene	**0.016J**	ug/L	0.052	0.013	1	04/15/25 06:53	04/15/25 19:49	50-32-8	
Benzo(b)fluoranthene	**0.031J**	ug/L	0.052	0.0094	1	04/15/25 06:53	04/15/25 19:49	205-99-2	
Benzo(g,h,i)perylene	**<0.024**	ug/L	0.052	0.024	1	04/15/25 06:53	04/15/25 19:49	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.052	0.023	1	04/15/25 06:53	04/15/25 19:49	207-08-9	
Chrysene	**0.024J**	ug/L	0.052	0.013	1	04/15/25 06:53	04/15/25 19:49	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.052	0.018	1	04/15/25 06:53	04/15/25 19:49	53-70-3	
Fluoranthene	**0.049J**	ug/L	0.052	0.027	1	04/15/25 06:53	04/15/25 19:49	206-44-0	
Fluorene	**<0.024**	ug/L	0.052	0.024	1	04/15/25 06:53	04/15/25 19:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.016**	ug/L	0.052	0.016	1	04/15/25 06:53	04/15/25 19:49	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.052	0.018	1	04/15/25 06:53	04/15/25 19:49	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.052	0.014	1	04/15/25 06:53	04/15/25 19:49	91-57-6	
Naphthalene	**<0.021**	ug/L	0.052	0.021	1	04/15/25 06:53	04/15/25 19:49	91-20-3	
Phenanthrene	**<0.026**	ug/L	0.052	0.026	1	04/15/25 06:53	04/15/25 19:49	85-01-8	
Pyrene	**0.034J**	ug/L	0.052	0.023	1	04/15/25 06:53	04/15/25 19:49	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	33-123		1	04/15/25 06:53	04/15/25 19:49	321-60-8	
Terphenyl-d14 (S)	72	%	36-134		1	04/15/25 06:53	04/15/25 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		04/15/25 10:57	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 10:57	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 10:57	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 10:57	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 10:57	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 10:57	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		04/15/25 10:57	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/15/25 10:57	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		04/15/25 10:57	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**661**	mg/L	40.0	8.9	20		04/17/25 01:19	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**745**	mg/L	50.0	14.9	2		04/16/25 13:31		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.17J**	mg/L	0.25	0.059	1		04/21/25 13:54		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925011 **Lab ID: 40293472011** Collected: 04/09/25 18:47 Received: 04/10/25 16:15 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		04/15/25 12:26	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:32	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:32	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:32	7440-50-8	D3
Iron, Dissolved	**12900**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:32	7439-89-6	
Manganese, Dissolved	**1880**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:32	7439-96-5	
Nickel, Dissolved	**0.63J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:32	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:32	7440-22-4	D3
Vanadium, Dissolved	**1.0J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:32	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:32	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.67**	ug/L	0.049	0.014	1	04/15/25 06:53	04/15/25 20:07	83-32-9	
Acenaphthylene	**<0.012**	ug/L	0.049	0.012	1	04/15/25 06:53	04/15/25 20:07	208-96-8	
Anthracene	**<0.018**	ug/L	0.049	0.018	1	04/15/25 06:53	04/15/25 20:07	120-12-7	
Benzo(a)anthracene	**<0.013**	ug/L	0.049	0.013	1	04/15/25 06:53	04/15/25 20:07	56-55-3	
Benzo(a)pyrene	**<0.013**	ug/L	0.049	0.013	1	04/15/25 06:53	04/15/25 20:07	50-32-8	
Benzo(b)fluoranthene	**0.013J**	ug/L	0.049	0.0090	1	04/15/25 06:53	04/15/25 20:07	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.049	0.023	1	04/15/25 06:53	04/15/25 20:07	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.049	0.022	1	04/15/25 06:53	04/15/25 20:07	207-08-9	
Chrysene	**<0.012**	ug/L	0.049	0.012	1	04/15/25 06:53	04/15/25 20:07	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.049	0.018	1	04/15/25 06:53	04/15/25 20:07	53-70-3	
Fluoranthene	**<0.026**	ug/L	0.049	0.026	1	04/15/25 06:53	04/15/25 20:07	206-44-0	
Fluorene	**<0.023**	ug/L	0.049	0.023	1	04/15/25 06:53	04/15/25 20:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.015**	ug/L	0.049	0.015	1	04/15/25 06:53	04/15/25 20:07	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.049	0.018	1	04/15/25 06:53	04/15/25 20:07	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.049	0.014	1	04/15/25 06:53	04/15/25 20:07	91-57-6	
Naphthalene	**0.038J**	ug/L	0.049	0.020	1	04/15/25 06:53	04/15/25 20:07	91-20-3	
Phenanthrene	**<0.025**	ug/L	0.049	0.025	1	04/15/25 06:53	04/15/25 20:07	85-01-8	
Pyrene	**0.092**	ug/L	0.049	0.022	1	04/15/25 06:53	04/15/25 20:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	70	%	33-123		1	04/15/25 06:53	04/15/25 20:07	321-60-8	
Terphenyl-d14 (S)	75	%	36-134		1	04/15/25 06:53	04/15/25 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		04/15/25 15:30	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 15:30	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 15:30	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 15:30	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 15:30	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925011 **Lab ID: 40293472011** Collected: 04/09/25 18:47 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 15:30	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/15/25 15:30	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/15/25 15:30	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		04/15/25 15:30	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**20.9**	mg/L	10.0	2.2	5		04/17/25 01:30	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**292**	mg/L	25.0	7.4	1		04/16/25 12:18		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.13J**	mg/L	0.25	0.059	1		04/21/25 13:55		

Sample: 040925012 **Lab ID: 40293472012** Collected: 04/09/25 19:15 Received: 04/10/25 16:15 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	**197**	ug/L	5.6	1.2	2		04/15/25 16:11	74-82-8	
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	04/15/25 06:53	04/15/25 20:25	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 20:25	208-96-8	
Anthracene	**<0.019**	ug/L	0.051	0.019	1	04/15/25 06:53	04/15/25 20:25	120-12-7	
Benzo(a)anthracene	**0.050J**	ug/L	0.051	0.014	1	04/15/25 06:53	04/15/25 20:25	56-55-3	
Benzo(a)pyrene	**0.065**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 20:25	50-32-8	
Benzo(b)fluoranthene	**0.12**	ug/L	0.051	0.0094	1	04/15/25 06:53	04/15/25 20:25	205-99-2	
Benzo(g,h,i)perylene	**0.068**	ug/L	0.051	0.024	1	04/15/25 06:53	04/15/25 20:25	191-24-2	
Benzo(k)fluoranthene	**0.051J**	ug/L	0.051	0.023	1	04/15/25 06:53	04/15/25 20:25	207-08-9	
Chrysene	**0.10**	ug/L	0.051	0.013	1	04/15/25 06:53	04/15/25 20:25	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.051	0.018	1	04/15/25 06:53	04/15/25 20:25	53-70-3	
Fluoranthene	**0.19**	ug/L	0.051	0.027	1	04/15/25 06:53	04/15/25 20:25	206-44-0	
Fluorene	**<0.024**	ug/L	0.051	0.024	1	04/15/25 06:53	04/15/25 20:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.052**	ug/L	0.051	0.016	1	04/15/25 06:53	04/15/25 20:25	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.051	0.018	1	04/15/25 06:53	04/15/25 20:25	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.051	0.014	1	04/15/25 06:53	04/15/25 20:25	91-57-6	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925012 **Lab ID: 40293472012** Collected: 04/09/25 19:15 Received: 04/10/25 16:15 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								
Naphthalene	**<0.020**	ug/L	0.051	0.020	1	04/15/25 06:53	04/15/25 20:25	91-20-3	
Phenanthrene	**0.079**	ug/L	0.051	0.026	1	04/15/25 06:53	04/15/25 20:25	85-01-8	
Pyrene	**0.14**	ug/L	0.051	0.023	1	04/15/25 06:53	04/15/25 20:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	33-123		1	04/15/25 06:53	04/15/25 20:25	321-60-8	
Terphenyl-d14 (S)	68	%	36-134		1	04/15/25 06:53	04/15/25 20:25	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		04/15/25 15:49	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 15:49	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 15:49	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 15:49	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 15:49	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 15:49	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/15/25 15:49	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/15/25 15:49	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		04/15/25 15:49	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**568**	mg/L	40.0	8.9	20		04/22/25 22:59	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**215**	mg/L	25.0	7.4	1		04/16/25 13:32		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**2.1**	mg/L	0.25	0.059	1		04/21/25 13:56		

Sample: 040925013 **Lab ID: 40293472013** Collected: 04/09/25 19:44 Received: 04/10/25 16:15 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		04/15/25 12:40	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**159J**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:37	7429-90-5	D3

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925013 **Lab ID: 40293472013** Collected: 04/09/25 19:44 Received: 04/10/25 16:15 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								
Antimony, Dissolved	**0.92J**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:37	7440-36-0	D3
Copper, Dissolved	**8.2J**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:37	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:37	7439-89-6	D3
Manganese, Dissolved	**<2.4**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:37	7439-96-5	D3
Nickel, Dissolved	**1.9J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:37	7440-02-0	D3
Silver, Dissolved	**0.31J**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:37	7440-22-4	D3
Vanadium, Dissolved	**1.5J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:37	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:37	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.047	0.013	1	04/15/25 06:53	04/15/25 20:43	83-32-9	
Acenaphthylene	**0.059**	ug/L	0.047	0.012	1	04/15/25 06:53	04/15/25 20:43	208-96-8	
Anthracene	**0.083**	ug/L	0.047	0.017	1	04/15/25 06:53	04/15/25 20:43	120-12-7	
Benzo(a)anthracene	**0.13**	ug/L	0.047	0.013	1	04/15/25 06:53	04/15/25 20:43	56-55-3	
Benzo(a)pyrene	**0.23**	ug/L	0.047	0.012	1	04/15/25 06:53	04/15/25 20:43	50-32-8	
Benzo(b)fluoranthene	**0.41**	ug/L	0.047	0.0085	1	04/15/25 06:53	04/15/25 20:43	205-99-2	
Benzo(g,h,i)perylene	**0.25**	ug/L	0.047	0.022	1	04/15/25 06:53	04/15/25 20:43	191-24-2	
Benzo(k)fluoranthene	**0.15**	ug/L	0.047	0.021	1	04/15/25 06:53	04/15/25 20:43	207-08-9	
Chrysene	**0.21**	ug/L	0.047	0.012	1	04/15/25 06:53	04/15/25 20:43	218-01-9	
Dibenz(a,h)anthracene	**0.046J**	ug/L	0.047	0.017	1	04/15/25 06:53	04/15/25 20:43	53-70-3	
Fluoranthene	**0.26**	ug/L	0.047	0.024	1	04/15/25 06:53	04/15/25 20:43	206-44-0	
Fluorene	**<0.022**	ug/L	0.047	0.022	1	04/15/25 06:53	04/15/25 20:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.17**	ug/L	0.047	0.014	1	04/15/25 06:53	04/15/25 20:43	193-39-5	
1-Methylnaphthalene	**<0.017**	ug/L	0.047	0.017	1	04/15/25 06:53	04/15/25 20:43	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.047	0.013	1	04/15/25 06:53	04/15/25 20:43	91-57-6	
Naphthalene	**<0.019**	ug/L	0.047	0.019	1	04/15/25 06:53	04/15/25 20:43	91-20-3	
Phenanthrene	**0.057**	ug/L	0.047	0.024	1	04/15/25 06:53	04/15/25 20:43	85-01-8	
Pyrene	**0.22**	ug/L	0.047	0.021	1	04/15/25 06:53	04/15/25 20:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	33-123		1	04/15/25 06:53	04/15/25 20:43	321-60-8	
Terphenyl-d14 (S)	80	%	36-134		1	04/15/25 06:53	04/15/25 20:43	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/15/25 16:09	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 16:09	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 16:09	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 16:09	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 16:09	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 16:09	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/15/25 16:09	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/15/25 16:09	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		04/15/25 16:09	2037-26-5	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925013 **Lab ID: 40293472013** Collected: 04/09/25 19:44 Received: 04/10/25 16:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**33.2**	mg/L	2.0	0.44	1		04/17/25 01:51	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**321**	mg/L	25.0	7.4	1		04/16/25 13:33		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**3.3**	mg/L	0.25	0.059	1		04/21/25 13:57		

Sample: 040925014 **Lab ID: 40293472014** Collected: 04/09/25 20:10 Received: 04/10/25 16:15 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	**6.0**	ug/L	2.8	0.58	1		04/15/25 12:47	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:50	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:50	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:50	7440-50-8	D3
Iron, Dissolved	**<116**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:50	7439-89-6	D3
Manganese, Dissolved	**3.7J**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:50	7439-96-5	D3
Nickel, Dissolved	**0.62J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:50	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:50	7440-22-4	D3
Vanadium, Dissolved	**0.72J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:50	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:50	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.013**	ug/L	0.046	0.013	1	04/15/25 06:53	04/15/25 21:02	83-32-9	
Acenaphthylene	**0.045J**	ug/L	0.046	0.012	1	04/15/25 06:53	04/15/25 21:02	208-96-8	
Anthracene	**0.033J**	ug/L	0.046	0.017	1	04/15/25 06:53	04/15/25 21:02	120-12-7	
Benzo(a)anthracene	**0.10**	ug/L	0.046	0.013	1	04/15/25 06:53	04/15/25 21:02	56-55-3	
Benzo(a)pyrene	**0.096**	ug/L	0.046	0.012	1	04/15/25 06:53	04/15/25 21:02	50-32-8	
Benzo(b)fluoranthene	**0.12**	ug/L	0.046	0.0084	1	04/15/25 06:53	04/15/25 21:02	205-99-2	
Benzo(g,h,i)perylene	**0.058**	ug/L	0.046	0.021	1	04/15/25 06:53	04/15/25 21:02	191-24-2	
Benzo(k)fluoranthene	**0.051**	ug/L	0.046	0.021	1	04/15/25 06:53	04/15/25 21:02	207-08-9	
Chrysene	**0.085**	ug/L	0.046	0.012	1	04/15/25 06:53	04/15/25 21:02	218-01-9	
Dibenz(a,h)anthracene	**<0.016**	ug/L	0.046	0.016	1	04/15/25 06:53	04/15/25 21:02	53-70-3	
Fluoranthene	**0.24**	ug/L	0.046	0.024	1	04/15/25 06:53	04/15/25 21:02	206-44-0	

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(920)469-2436

ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925014 **Lab ID: 40293472014** Collected: 04/09/25 20:10 Received: 04/10/25 16:15 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								
Fluorene	**<0.022**	ug/L	0.046	0.022	1	04/15/25 06:53	04/15/25 21:02	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.048**	ug/L	0.046	0.014	1	04/15/25 06:53	04/15/25 21:02	193-39-5	
1-Methylnaphthalene	**<0.016**	ug/L	0.046	0.016	1	04/15/25 06:53	04/15/25 21:02	90-12-0	
2-Methylnaphthalene	**<0.013**	ug/L	0.046	0.013	1	04/15/25 06:53	04/15/25 21:02	91-57-6	
Naphthalene	**<0.018**	ug/L	0.046	0.018	1	04/15/25 06:53	04/15/25 21:02	91-20-3	
Phenanthrene	**0.14**	ug/L	0.046	0.024	1	04/15/25 06:53	04/15/25 21:02	85-01-8	
Pyrene	**0.18**	ug/L	0.046	0.021	1	04/15/25 06:53	04/15/25 21:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	33-123		1	04/15/25 06:53	04/15/25 21:02	321-60-8	
Terphenyl-d14 (S)	75	%	36-134		1	04/15/25 06:53	04/15/25 21:02	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		04/15/25 16:28	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 16:28	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 16:28	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 16:28	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 16:28	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 16:28	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/15/25 16:28	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/15/25 16:28	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		04/15/25 16:28	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**887**	mg/L	40.0	8.9	20		04/16/25 22:47	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**144**	mg/L	25.0	7.4	1		04/16/25 13:34		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.23J**	mg/L	0.25	0.059	1		04/21/25 13:57		

Sample: 040925015 **Lab ID: 40293472015** Collected: 04/09/25 20:30 Received: 04/10/25 16:15 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		04/15/25 12:54	71-43-2	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 040925015 **Lab ID: 40293472015** Collected: 04/09/25 20:30 Received: 04/10/25 16:15 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		04/15/25 12:54	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 12:54	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 12:54	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 12:54	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 12:54	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/15/25 12:54	2199-69-1	
4-Bromofluorobenzene (S)	99	%	70-130		1		04/15/25 12:54	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		04/15/25 12:54	2037-26-5	

Sample: 041025016 **Lab ID: 40293472016** Collected: 04/10/25 07:45 Received: 04/10/25 16:15 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	**4080**	ug/L	140	28.8	50		04/15/25 16:18	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:55	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:55	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:55	7440-50-8	D3
Iron, Dissolved	**7220**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:55	7439-89-6	
Manganese, Dissolved	**643**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:55	7439-96-5	
Nickel, Dissolved	**0.75J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:55	7440-02-0	D3
Silver, Dissolved	**0.59J**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:55	7440-22-4	D3
Vanadium, Dissolved	**0.93J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:55	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:55	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.039J**	ug/L	0.053	0.015	1	04/16/25 12:26	04/16/25 20:09	83-32-9	
Acenaphthylene	**0.017J**	ug/L	0.053	0.013	1	04/16/25 12:26	04/16/25 20:09	208-96-8	
Anthracene	**0.026J**	ug/L	0.053	0.020	1	04/16/25 12:26	04/16/25 20:09	120-12-7	
Benzo(a)anthracene	**0.039J**	ug/L	0.053	0.014	1	04/16/25 12:26	04/16/25 20:09	56-55-3	
Benzo(a)pyrene	**0.031J**	ug/L	0.053	0.013	1	04/16/25 12:26	04/16/25 20:09	50-32-8	
Benzo(b)fluoranthene	**0.044J**	ug/L	0.053	0.0096	1	04/16/25 12:26	04/16/25 20:09	205-99-2	
Benzo(g,h,i)perylene	**<0.025**	ug/L	0.053	0.025	1	04/16/25 12:26	04/16/25 20:09	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.053	0.024	1	04/16/25 12:26	04/16/25 20:09	207-08-9	
Chrysene	**0.044J**	ug/L	0.053	0.013	1	04/16/25 12:26	04/16/25 20:09	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.053	0.019	1	04/16/25 12:26	04/16/25 20:09	53-70-3	
Fluoranthene	**0.11**	ug/L	0.053	0.028	1	04/16/25 12:26	04/16/25 20:09	206-44-0	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025016 **Lab ID: 40293472016** Collected: 04/10/25 07:45 Received: 04/10/25 16:15 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								
Fluorene	**<0.025**	ug/L	0.053	0.025	1	04/16/25 12:26	04/16/25 20:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.021J**	ug/L	0.053	0.016	1	04/16/25 12:26	04/16/25 20:09	193-39-5	
1-Methylnaphthalene	**0.023J**	ug/L	0.053	0.019	1	04/16/25 12:26	04/16/25 20:09	90-12-0	
2-Methylnaphthalene	**0.021J**	ug/L	0.053	0.015	1	04/16/25 12:26	04/16/25 20:09	91-57-6	
Naphthalene	**0.37**	ug/L	0.053	0.021	1	04/16/25 12:26	04/16/25 20:09	91-20-3	
Phenanthrene	**0.11**	ug/L	0.053	0.027	1	04/16/25 12:26	04/16/25 20:09	85-01-8	
Pyrene	**0.092**	ug/L	0.053	0.024	1	04/16/25 12:26	04/16/25 20:09	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	33-123		1	04/16/25 12:26	04/16/25 20:09	321-60-8	
Terphenyl-d14 (S)	67	%	36-134		1	04/16/25 12:26	04/16/25 20:09	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/15/25 16:48	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 16:48	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 16:48	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 16:48	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 16:48	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 16:48	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/15/25 16:48	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/25 16:48	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		04/15/25 16:48	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**25.9**	mg/L	4.0	0.89	2		04/18/25 11:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**273**	mg/L	25.0	7.4	1		04/16/25 13:35		
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		04/21/25 13:58		

Sample: 041025017 **Lab ID: 40293472017** Collected: 04/10/25 07:50 Received: 04/10/25 16:15 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	**4780**	ug/L	56.0	11.5	20		04/15/25 16:25	74-82-8	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025017 **Lab ID: 40293472017** Collected: 04/10/25 07:50 Received: 04/10/25 16:15 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								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 04:59	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 04:59	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 04:59	7440-50-8	D3
Iron, Dissolved	**6740**	ug/L	500	116	2	04/14/25 05:55	04/18/25 04:59	7439-89-6	
Manganese, Dissolved	**600**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 04:59	7439-96-5	
Nickel, Dissolved	**<0.57**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 04:59	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 04:59	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 04:59	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 04:59	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.029J**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:27	83-32-9	
Acenaphthylene	**0.017J**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:27	208-96-8	
Anthracene	**<0.018**	ug/L	0.050	0.018	1	04/16/25 12:26	04/16/25 20:27	120-12-7	
Benzo(a)anthracene	**0.030J**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:27	56-55-3	
Benzo(a)pyrene	**0.024J**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:27	50-32-8	
Benzo(b)fluoranthene	**0.036J**	ug/L	0.050	0.0091	1	04/16/25 12:26	04/16/25 20:27	205-99-2	
Benzo(g,h,i)perylene	**<0.023**	ug/L	0.050	0.023	1	04/16/25 12:26	04/16/25 20:27	191-24-2	
Benzo(k)fluoranthene	**<0.022**	ug/L	0.050	0.022	1	04/16/25 12:26	04/16/25 20:27	207-08-9	
Chrysene	**0.032J**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:27	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	04/16/25 12:26	04/16/25 20:27	53-70-3	
Fluoranthene	**0.081**	ug/L	0.050	0.026	1	04/16/25 12:26	04/16/25 20:27	206-44-0	
Fluorene	**<0.023**	ug/L	0.050	0.023	1	04/16/25 12:26	04/16/25 20:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.015J**	ug/L	0.050	0.015	1	04/16/25 12:26	04/16/25 20:27	193-39-5	
1-Methylnaphthalene	**0.025J**	ug/L	0.050	0.018	1	04/16/25 12:26	04/16/25 20:27	90-12-0	
2-Methylnaphthalene	**0.028J**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:27	91-57-6	
Naphthalene	**0.44**	ug/L	0.050	0.020	1	04/16/25 12:26	04/16/25 20:27	91-20-3	
Phenanthrene	**0.077**	ug/L	0.050	0.026	1	04/16/25 12:26	04/16/25 20:27	85-01-8	
Pyrene	**0.063**	ug/L	0.050	0.023	1	04/16/25 12:26	04/16/25 20:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	50	%	33-123		1	04/16/25 12:26	04/16/25 20:27	321-60-8	
Terphenyl-d14 (S)	54	%	36-134		1	04/16/25 12:26	04/16/25 20:27	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		04/15/25 13:13	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 13:13	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 13:13	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 13:13	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 13:13	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 13:13	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/15/25 13:13	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/25 13:13	460-00-4	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025017 **Lab ID: 40293472017** Collected: 04/10/25 07:50 Received: 04/10/25 16:15 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								
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		04/15/25 13:13	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**26.4**	mg/L	4.0	0.89	2		04/18/25 11:24	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**274**	mg/L	25.0	7.4	1		04/16/25 13:36		
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		04/21/25 13:59		

Sample: 041025018 **Lab ID: 40293472018** Collected: 04/10/25 08:40 Received: 04/10/25 16:15 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	**5450**	ug/L	140	28.8	50		04/17/25 13:29	74-82-8	M1
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 05:04	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 05:04	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 05:04	7440-50-8	D3
Iron, Dissolved	**37000**	ug/L	500	116	2	04/14/25 05:55	04/18/25 05:04	7439-89-6	
Manganese, Dissolved	**481**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 05:04	7439-96-5	
Nickel, Dissolved	**<0.57**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 05:04	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 05:04	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 05:04	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 05:04	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**1.8**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 16:18	83-32-9	
Acenaphthylene	**0.065**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 16:18	208-96-8	
Anthracene	**0.050J**	ug/L	0.054	0.020	1	04/16/25 12:26	04/16/25 16:18	120-12-7	
Benzo(a)anthracene	**0.037J**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 16:18	56-55-3	
Benzo(a)pyrene	**0.033J**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 16:18	50-32-8	
Benzo(b)fluoranthene	**0.057**	ug/L	0.054	0.0098	1	04/16/25 12:26	04/16/25 16:18	205-99-2	

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(920)469-2436

ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025018 **Lab ID: 40293472018** Collected: 04/10/25 08:40 Received: 04/10/25 16:15 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(g,h,i)perylene	**0.029J**	ug/L	0.054	0.025	1	04/16/25 12:26	04/16/25 16:18	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.054	0.024	1	04/16/25 12:26	04/16/25 16:18	207-08-9	
Chrysene	**0.051J**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 16:18	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	04/16/25 12:26	04/16/25 16:18	53-70-3	
Fluoranthene	**0.17**	ug/L	0.054	0.028	1	04/16/25 12:26	04/16/25 16:18	206-44-0	
Fluorene	**0.27**	ug/L	0.054	0.025	1	04/16/25 12:26	04/16/25 16:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.023J**	ug/L	0.054	0.017	1	04/16/25 12:26	04/16/25 16:18	193-39-5	
1-Methylnaphthalene	**0.35**	ug/L	0.054	0.019	1	04/16/25 12:26	04/16/25 16:18	90-12-0	
2-Methylnaphthalene	**<0.015**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 16:18	91-57-6	
Naphthalene	**0.35**	ug/L	0.054	0.021	1	04/16/25 12:26	04/16/25 16:18	91-20-3	
Phenanthrene	**0.18**	ug/L	0.054	0.028	1	04/16/25 12:26	04/16/25 16:18	85-01-8	
Pyrene	**0.15**	ug/L	0.054	0.024	1	04/16/25 12:26	04/16/25 16:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	33-123		1	04/16/25 12:26	04/16/25 16:18	321-60-8	
Terphenyl-d14 (S)	67	%	36-134		1	04/16/25 12:26	04/16/25 16:18	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**0.35J**	ug/L	1.0	0.30	1		04/15/25 10:37	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 10:37	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 10:37	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 10:37	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 10:37	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 10:37	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/15/25 10:37	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/15/25 10:37	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		04/15/25 10:37	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**7.8J**	mg/L	10.0	2.2	5		04/22/25 01:12	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**342**	mg/L	25.0	7.4	1		04/16/25 13:37		M0
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
	Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.090J**	mg/L	0.25	0.059	1		04/21/25 14:00		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025019 **Lab ID: 40293472019** Collected: 04/10/25 09:52 Received: 04/10/25 16:15 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	**9920**	ug/L	140	28.8	50		04/15/25 16:32	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 05:22	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 05:22	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 05:22	7440-50-8	D3
Iron, Dissolved	**29200**	ug/L	500	116	2	04/14/25 05:55	04/18/25 05:22	7439-89-6	
Manganese, Dissolved	**910**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 05:22	7439-96-5	
Nickel, Dissolved	**0.71J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 05:22	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 05:22	7440-22-4	D3
Vanadium, Dissolved	**<0.63**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 05:22	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 05:22	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.072**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:45	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:45	208-96-8	
Anthracene	**0.021J**	ug/L	0.050	0.019	1	04/16/25 12:26	04/16/25 20:45	120-12-7	
Benzo(a)anthracene	**0.018J**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:45	56-55-3	
Benzo(a)pyrene	**0.023J**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:45	50-32-8	
Benzo(b)fluoranthene	**0.045J**	ug/L	0.050	0.0092	1	04/16/25 12:26	04/16/25 20:45	205-99-2	
Benzo(g,h,i)perylene	**0.029J**	ug/L	0.050	0.024	1	04/16/25 12:26	04/16/25 20:45	191-24-2	
Benzo(k)fluoranthene	**<0.023**	ug/L	0.050	0.023	1	04/16/25 12:26	04/16/25 20:45	207-08-9	
Chrysene	**0.040J**	ug/L	0.050	0.013	1	04/16/25 12:26	04/16/25 20:45	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	04/16/25 12:26	04/16/25 20:45	53-70-3	
Fluoranthene	**0.082**	ug/L	0.050	0.026	1	04/16/25 12:26	04/16/25 20:45	206-44-0	
Fluorene	**<0.024**	ug/L	0.050	0.024	1	04/16/25 12:26	04/16/25 20:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.021J**	ug/L	0.050	0.016	1	04/16/25 12:26	04/16/25 20:45	193-39-5	
1-Methylnaphthalene	**<0.018**	ug/L	0.050	0.018	1	04/16/25 12:26	04/16/25 20:45	90-12-0	
2-Methylnaphthalene	**<0.014**	ug/L	0.050	0.014	1	04/16/25 12:26	04/16/25 20:45	91-57-6	
Naphthalene	**0.17**	ug/L	0.050	0.020	1	04/16/25 12:26	04/16/25 20:45	91-20-3	
Phenanthrene	**0.041J**	ug/L	0.050	0.026	1	04/16/25 12:26	04/16/25 20:45	85-01-8	
Pyrene	**0.067**	ug/L	0.050	0.023	1	04/16/25 12:26	04/16/25 20:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	35	%	33-123		1	04/16/25 12:26	04/16/25 20:45	321-60-8	
Terphenyl-d14 (S)	40	%	36-134		1	04/16/25 12:26	04/16/25 20:45	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		04/15/25 13:33	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 13:33	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 13:33	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 13:33	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 13:33	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025019 **Lab ID: 40293472019** Collected: 04/10/25 09:52 Received: 04/10/25 16:15 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								
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 13:33	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/15/25 13:33	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/15/25 13:33	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		04/15/25 13:33	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**251**	mg/L	10.0	2.2	5		04/18/25 11:46	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**282**	mg/L	25.0	7.4	1		04/16/25 13:40		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.065J**	mg/L	0.25	0.059	1		04/21/25 14:04		

Sample: 041025020 **Lab ID: 40293472020** Collected: 04/10/25 10:31 Received: 04/10/25 16:15 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	**160**	ug/L	2.8	0.58	1		04/15/25 14:35	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 05:26	7429-90-5	D3
Antimony, Dissolved	**0.52J**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 05:26	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 05:26	7440-50-8	D3
Iron, Dissolved	**269J**	ug/L	500	116	2	04/14/25 05:55	04/18/25 05:26	7439-89-6	D3
Manganese, Dissolved	**223**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 05:26	7439-96-5	
Nickel, Dissolved	**1.6J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 05:26	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 05:26	7440-22-4	D3
Vanadium, Dissolved	**0.77J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 05:26	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 05:26	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.15**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 21:03	83-32-9	
Acenaphthylene	**<0.014**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 21:03	208-96-8	
Anthracene	**0.034J**	ug/L	0.054	0.020	1	04/16/25 12:26	04/16/25 21:03	120-12-7	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025020 **Lab ID: 40293472020** Collected: 04/10/25 10:31 Received: 04/10/25 16:15 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(a)anthracene	**0.017J**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 21:03	56-55-3	
Benzo(a)pyrene	**0.024J**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 21:03	50-32-8	
Benzo(b)fluoranthene	**0.052J**	ug/L	0.054	0.0098	1	04/16/25 12:26	04/16/25 21:03	205-99-2	
Benzo(g,h,i)perylene	**0.029J**	ug/L	0.054	0.025	1	04/16/25 12:26	04/16/25 21:03	191-24-2	
Benzo(k)fluoranthene	**<0.024**	ug/L	0.054	0.024	1	04/16/25 12:26	04/16/25 21:03	207-08-9	
Chrysene	**0.040J**	ug/L	0.054	0.014	1	04/16/25 12:26	04/16/25 21:03	218-01-9	
Dibenz(a,h)anthracene	**<0.019**	ug/L	0.054	0.019	1	04/16/25 12:26	04/16/25 21:03	53-70-3	
Fluoranthene	**0.082**	ug/L	0.054	0.028	1	04/16/25 12:26	04/16/25 21:03	206-44-0	
Fluorene	**0.047J**	ug/L	0.054	0.025	1	04/16/25 12:26	04/16/25 21:03	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.022J**	ug/L	0.054	0.017	1	04/16/25 12:26	04/16/25 21:03	193-39-5	
1-Methylnaphthalene	**0.027J**	ug/L	0.054	0.019	1	04/16/25 12:26	04/16/25 21:03	90-12-0	
2-Methylnaphthalene	**0.033J**	ug/L	0.054	0.015	1	04/16/25 12:26	04/16/25 21:03	91-57-6	
Naphthalene	**0.50**	ug/L	0.054	0.021	1	04/16/25 12:26	04/16/25 21:03	91-20-3	
Phenanthrene	**0.034J**	ug/L	0.054	0.027	1	04/16/25 12:26	04/16/25 21:03	85-01-8	
Pyrene	**0.070**	ug/L	0.054	0.024	1	04/16/25 12:26	04/16/25 21:03	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	33-123		1	04/16/25 12:26	04/16/25 21:03	321-60-8	
Terphenyl-d14 (S)	60	%	36-134		1	04/16/25 12:26	04/16/25 21:03	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		04/15/25 13:52	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 13:52	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/15/25 13:52	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/15/25 13:52	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/15/25 13:52	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/15/25 13:52	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/15/25 13:52	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/15/25 13:52	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		04/15/25 13:52	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**56.9**	mg/L	2.0	0.44	1		04/18/25 12:29	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**353**	mg/L	25.0	7.4	1		04/16/25 13:44		
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		04/21/25 14:05		

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025021 **Lab ID: 40293472021** Collected: 04/10/25 11:09 Received: 04/10/25 16:15 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	**530**	ug/L	5.6	1.2	2		04/15/25 16:39	74-82-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Aluminum, Dissolved	**<117**	ug/L	500	117	2	04/14/25 05:55	04/18/25 05:31	7429-90-5	D3
Antimony, Dissolved	**<0.30**	ug/L	2.0	0.30	2	04/14/25 05:55	04/18/25 05:31	7440-36-0	D3
Copper, Dissolved	**<3.8**	ug/L	12.7	3.8	2	04/14/25 05:55	04/18/25 05:31	7440-50-8	D3
Iron, Dissolved	**43800**	ug/L	500	116	2	04/14/25 05:55	04/18/25 05:31	7439-89-6	
Manganese, Dissolved	**1380**	ug/L	8.1	2.4	2	04/14/25 05:55	04/18/25 05:31	7439-96-5	
Nickel, Dissolved	**0.69J**	ug/L	2.0	0.57	2	04/14/25 05:55	04/18/25 05:31	7440-02-0	D3
Silver, Dissolved	**<0.25**	ug/L	1.0	0.25	2	04/14/25 05:55	04/18/25 05:31	7440-22-4	D3
Vanadium, Dissolved	**1.9J**	ug/L	2.1	0.63	2	04/14/25 05:55	04/18/25 05:31	7440-62-2	D3
Zinc, Dissolved	**<20.7**	ug/L	68.9	20.7	2	04/14/25 05:55	04/18/25 05:31	7440-66-6	D3
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**76.1**	ug/L	2.1	0.59	40	04/16/25 12:26	04/16/25 15:38	83-32-9	
Acenaphthylene	**0.81J**	ug/L	2.1	0.54	40	04/16/25 12:26	04/16/25 15:38	208-96-8	
Anthracene	**3.5**	ug/L	2.1	0.79	40	04/16/25 12:26	04/16/25 15:38	120-12-7	
Benzo(a)anthracene	**<0.58**	ug/L	2.1	0.58	40	04/16/25 12:26	04/16/25 15:38	56-55-3	
Benzo(a)pyrene	**<0.54**	ug/L	2.1	0.54	40	04/16/25 12:26	04/16/25 15:38	50-32-8	
Benzo(b)fluoranthene	**<0.39**	ug/L	2.1	0.39	40	04/16/25 12:26	04/16/25 15:38	205-99-2	
Benzo(g,h,i)perylene	**<0.99**	ug/L	2.1	0.99	40	04/16/25 12:26	04/16/25 15:38	191-24-2	
Benzo(k)fluoranthene	**<0.95**	ug/L	2.1	0.95	40	04/16/25 12:26	04/16/25 15:38	207-08-9	
Chrysene	**<0.54**	ug/L	2.1	0.54	40	04/16/25 12:26	04/16/25 15:38	218-01-9	
Dibenz(a,h)anthracene	**<0.76**	ug/L	2.1	0.76	40	04/16/25 12:26	04/16/25 15:38	53-70-3	
Fluoranthene	**2.2**	ug/L	2.1	1.1	40	04/16/25 12:26	04/16/25 15:38	206-44-0	
Fluorene	**19.3**	ug/L	2.1	1.0	40	04/16/25 12:26	04/16/25 15:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.66**	ug/L	2.1	0.66	40	04/16/25 12:26	04/16/25 15:38	193-39-5	
1-Methylnaphthalene	**91.6**	ug/L	2.1	0.76	40	04/16/25 12:26	04/16/25 15:38	90-12-0	
2-Methylnaphthalene	**21.4**	ug/L	2.1	0.59	40	04/16/25 12:26	04/16/25 15:38	91-57-6	
Naphthalene	**409**	ug/L	2.1	0.85	40	04/16/25 12:26	04/16/25 15:38	91-20-3	
Phenanthrene	**20.9**	ug/L	2.1	1.1	40	04/16/25 12:26	04/16/25 15:38	85-01-8	
Pyrene	**2.0J**	ug/L	2.1	0.96	40	04/16/25 12:26	04/16/25 15:38	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	33-123		40	04/16/25 12:26	04/16/25 15:38	321-60-8	
Terphenyl-d14 (S)	66	%	36-134		40	04/16/25 12:26	04/16/25 15:38	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**157**	ug/L	2.0	0.59	2		04/15/25 18:06	71-43-2	
Ethylbenzene	**80.4**	ug/L	2.0	0.65	2		04/15/25 18:06	100-41-4	
Toluene	**11.8**	ug/L	2.0	0.58	2		04/15/25 18:06	108-88-3	
Xylene (Total)	**62.6**	ug/L	6.0	2.1	2		04/15/25 18:06	1330-20-7	
m&p-Xylene	**16.4**	ug/L	4.0	1.4	2		04/15/25 18:06	179601-23-1	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025021 **Lab ID: 40293472021** Collected: 04/10/25 11:09 Received: 04/10/25 16:15 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								
o-Xylene	**46.2**	ug/L	2.0	0.70	2		04/15/25 18:06	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		2		04/15/25 18:06	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		2		04/15/25 18:06	460-00-4	
Toluene-d8 (S)	97	%	70-130		2		04/15/25 18:06	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**5.7J**	mg/L	20.0	4.4	10		04/22/25 01:45	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**821**	mg/L	50.0	14.9	2		04/22/25 15:23		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.090J**	mg/L	0.25	0.059	1		04/21/25 14:06		

Sample: 041025022 **Lab ID: 40293472022** Collected: 04/10/25 11:55 Received: 04/10/25 16:15 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(a)pyrene	**11.8**	ug/L	5.1	1.3	100	04/16/25 12:26	04/16/25 15:21	50-32-8	
Benzo(b)fluoranthene	**13.9**	ug/L	5.1	0.92	100	04/16/25 12:26	04/16/25 15:21	205-99-2	
Chrysene	**9.6**	ug/L	5.1	1.3	100	04/16/25 12:26	04/16/25 15:21	218-01-9	
Naphthalene	**1240**	ug/L	5.1	2.0	100	04/16/25 12:26	04/16/25 15:21	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	54	%	33-123		100	04/16/25 12:26	04/16/25 15:21	321-60-8	
Terphenyl-d14 (S)	58	%	36-134		100	04/16/25 12:26	04/16/25 15:21	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1340**	ug/L	10.0	3.0	10		04/15/25 17:27	71-43-2	
Ethylbenzene	**77.7**	ug/L	10.0	3.3	10		04/15/25 17:27	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		04/15/25 17:27	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		10		04/15/25 17:27	460-00-4	
Toluene-d8 (S)	101	%	70-130		10		04/15/25 17:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025023 **Lab ID: 40293472023** Collected: 04/10/25 12:00 Received: 04/10/25 16:15 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(a)pyrene	**20.6**	ug/L	3.5	0.88	70	04/16/25 12:26	04/16/25 15:56	50-32-8	
Benzo(b)fluoranthene	**25.4**	ug/L	3.5	0.63	70	04/16/25 12:26	04/16/25 15:56	205-99-2	
Chrysene	**16.3**	ug/L	3.5	0.87	70	04/16/25 12:26	04/16/25 15:56	218-01-9	
Naphthalene	**1040**	ug/L	3.5	1.4	70	04/16/25 12:26	04/16/25 15:56	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	62	%	33-123		70	04/16/25 12:26	04/16/25 15:56	321-60-8	
Terphenyl-d14 (S)	52	%	36-134		70	04/16/25 12:26	04/16/25 15:56	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1210**	ug/L	10.0	3.0	10		04/15/25 17:47	71-43-2	
Ethylbenzene	**74.8**	ug/L	10.0	3.3	10		04/15/25 17:47	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		04/15/25 17:47	2199-69-1	
4-Bromofluorobenzene (S)	94	%	70-130		10		04/15/25 17:47	460-00-4	
Toluene-d8 (S)	99	%	70-130		10		04/15/25 17:47	2037-26-5	

Sample: 041025024 **Lab ID: 40293472024** Collected: 04/10/25 12:35 Received: 04/10/25 16:15 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(a)pyrene	**0.43J**	ug/L	0.66	0.17	12.5	04/16/25 12:26	04/16/25 17:11	50-32-8	
Benzo(b)fluoranthene	**0.59J**	ug/L	0.66	0.12	12.5	04/16/25 12:26	04/16/25 17:11	205-99-2	
Chrysene	**0.73**	ug/L	0.66	0.17	12.5	04/16/25 12:26	04/16/25 17:11	218-01-9	
Naphthalene	**148**	ug/L	0.66	0.26	12.5	04/16/25 12:26	04/16/25 17:11	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	74	%	33-123		12.5	04/16/25 12:26	04/16/25 17:11	321-60-8	
Terphenyl-d14 (S)	68	%	36-134		12.5	04/16/25 12:26	04/16/25 17:11	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**166**	ug/L	2.0	0.59	2		04/15/25 18:26	71-43-2	
Ethylbenzene	**38.7**	ug/L	2.0	0.65	2		04/15/25 18:26	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		2		04/15/25 18:26	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		2		04/15/25 18:26	460-00-4	
Toluene-d8 (S)	100	%	70-130		2		04/15/25 18:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025025 **Lab ID: 40293472025** Collected: 04/10/25 13:03 Received: 04/10/25 16:15 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(a)pyrene	**0.037J**	ug/L	0.051	0.013	1	04/16/25 12:26	04/16/25 17:46	50-32-8	
Benzo(b)fluoranthene	**0.074**	ug/L	0.051	0.0093	1	04/16/25 12:26	04/16/25 17:46	205-99-2	
Chrysene	**0.050J**	ug/L	0.051	0.013	1	04/16/25 12:26	04/16/25 17:46	218-01-9	
Naphthalene	**0.066**	ug/L	0.051	0.020	1	04/16/25 12:26	04/16/25 17:46	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	70	%	33-123		1	04/16/25 12:26	04/16/25 17:46	321-60-8	
Terphenyl-d14 (S)	73	%	36-134		1	04/16/25 12:26	04/16/25 17:46	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/15/25 14:12	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/15/25 14:12	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/15/25 14:12	2199-69-1	
4-Bromofluorobenzene (S)	94	%	70-130		1		04/15/25 14:12	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		04/15/25 14:12	2037-26-5	

Sample: 041025026 **Lab ID: 40293472026** Collected: 04/10/25 13:30 Received: 04/10/25 16:15 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(a)pyrene	**<7.5**	ug/L	29.5	7.5	600	04/16/25 12:26	04/16/25 21:21	50-32-8	
Benzo(b)fluoranthene	**5.5J**	ug/L	29.5	5.4	600	04/16/25 12:26	04/16/25 21:21	205-99-2	
Chrysene	**8.1J**	ug/L	29.5	7.4	600	04/16/25 12:26	04/16/25 21:21	218-01-9	
Naphthalene	**5690**	ug/L	29.5	11.7	600	04/16/25 12:26	04/16/25 21:21	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	82	%	33-123		600	04/16/25 12:26	04/16/25 21:21	321-60-8	
Terphenyl-d14 (S)	253	%	36-134		600	04/16/25 12:26	04/16/25 21:21	1718-51-0	S4
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1530**	ug/L	50.0	14.8	50		04/15/25 17:08	71-43-2	
Ethylbenzene	**1970**	ug/L	50.0	16.3	50		04/15/25 17:08	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		50		04/15/25 17:08	2199-69-1	D3,HS
4-Bromofluorobenzene (S)	91	%	70-130		50		04/15/25 17:08	460-00-4	
Toluene-d8 (S)	100	%	70-130		50		04/15/25 17:08	2037-26-5	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025027 **Lab ID: 40293472027** Collected: 04/10/25 14:00 Received: 04/10/25 16:15 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(a)pyrene	**2.9J**	ug/L	9.7	2.5	200	04/16/25 12:26	04/16/25 16:54	50-32-8	
Benzo(b)fluoranthene	**3.9J**	ug/L	9.7	1.8	200	04/16/25 12:26	04/16/25 16:54	205-99-2	
Chrysene	**4.0J**	ug/L	9.7	2.4	200	04/16/25 12:26	04/16/25 16:54	218-01-9	
Naphthalene	**3870**	ug/L	9.7	3.9	200	04/16/25 12:26	04/16/25 16:54	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	61	%	33-123		200	04/16/25 12:26	04/16/25 16:54	321-60-8	
Terphenyl-d14 (S)	123	%	36-134		200	04/16/25 12:26	04/16/25 16:54	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**2340**	ug/L	40.0	11.8	40		04/16/25 17:32	71-43-2	
Ethylbenzene	**125**	ug/L	40.0	13.0	40		04/16/25 17:32	100-41-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		40		04/16/25 17:32	2199-69-1	HS
4-Bromofluorobenzene (S)	107	%	70-130		40		04/16/25 17:32	460-00-4	
Toluene-d8 (S)	103	%	70-130		40		04/16/25 17:32	2037-26-5	

Sample: 041025028 **Lab ID: 40293472028** Collected: 04/10/25 14:20 Received: 04/10/25 16:15 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		04/16/25 13:33	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/16/25 13:33	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/16/25 13:33	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/16/25 13:33	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/16/25 13:33	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/16/25 13:33	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/16/25 13:33	2199-69-1	
4-Bromofluorobenzene (S)	111	%	70-130		1		04/16/25 13:33	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		04/16/25 13:33	2037-26-5	

Sample: 041025029 **Lab ID: 40293472029** Collected: 04/10/25 00:00 Received: 04/10/25 16:15 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		04/16/25 11:27	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/16/25 11:27	100-41-4	

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ANALYTICAL RESULTS

Project: Marinette Former MGP
Pace Project No.: 40293472

Sample: 041025029 **Lab ID: 40293472029** Collected: 04/10/25 00:00 Received: 04/10/25 16:15 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								
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/16/25 11:27	108-88-3	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/16/25 11:27	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/16/25 11:27	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/16/25 11:27	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/16/25 11:27	2199-69-1	
4-Bromofluorobenzene (S)	114	%	70-130		1		04/16/25 11:27	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		04/16/25 11:27	2037-26-5	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501904
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: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005

METHOD BLANK: 2866053 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	04/14/25 14:38	

LABORATORY CONTROL SAMPLE & LCSD: 2866054 2866055

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	26.8	26.8	94	94	73-121	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866056 2866057

Parameter	Units	40293387004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	1160	714	714	3650	3210	349	287	10-184	13	33	M1

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501998
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: 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472019, 40293472020, 40293472021

METHOD BLANK: 2866306 Matrix: Water
Associated Lab Samples: 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472019, 40293472020, 40293472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	04/15/25 10:36	

LABORATORY CONTROL SAMPLE & LCSD: 2866307 2866308

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	23.4	25.9	82	91	73-121	10	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866309 2866310

Parameter	Units	40293472008 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	22.1	23.1	77	81	10-184	4	33	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502118
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: 40293472018

METHOD BLANK: 2866950 Matrix: Water
Associated Lab Samples: 40293472018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	04/17/25 08:58	

LABORATORY CONTROL SAMPLE & LCSD: 2866951 2866952

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	26.4	29.3	92	103	73-121	10	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866953 2866954

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	5450	1430	1430	9460	11200	280	404	10-184	17	33	M1

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501840
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

METHOD BLANK: 2865842 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	<58.7	250	04/16/25 15:58	
Antimony, Dissolved	ug/L	<0.15	1.0	04/16/25 15:58	
Copper, Dissolved	ug/L	<1.9	6.4	04/16/25 15:58	
Iron, Dissolved	ug/L	<58.0	250	04/16/25 15:58	
Manganese, Dissolved	ug/L	<1.2	4.0	04/16/25 15:58	
Nickel, Dissolved	ug/L	<0.28	1.0	04/16/25 15:58	
Silver, Dissolved	ug/L	<0.13	0.50	04/16/25 15:58	
Vanadium, Dissolved	ug/L	<0.32	1.0	04/16/25 15:58	
Zinc, Dissolved	ug/L	<10.3	34.4	04/16/25 15:58	

LABORATORY CONTROL SAMPLE: 2865843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	10000	100	80-120	
Antimony, Dissolved	ug/L	250	256	102	80-120	
Copper, Dissolved	ug/L	250	257	103	80-120	
Iron, Dissolved	ug/L	10000	10300	103	80-120	
Manganese, Dissolved	ug/L	250	253	101	80-120	
Nickel, Dissolved	ug/L	250	251	101	80-120	
Silver, Dissolved	ug/L	125	125	100	80-120	
Vanadium, Dissolved	ug/L	250	254	101	80-120	
Zinc, Dissolved	ug/L	250	259	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865844 2865845

Parameter	Units	40293472008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	<117	10000	10000	10200	10200	102	102	75-125	0	20	
Antimony, Dissolved	ug/L	<0.30	250	250	256	263	102	105	75-125	3	20	
Copper, Dissolved	ug/L	<3.8	250	250	250	258	100	102	75-125	3	20	
Iron, Dissolved	ug/L	<116	10000	10000	10200	10600	102	106	75-125	4	20	
Manganese, Dissolved	ug/L	175	250	250	410	438	94	105	75-125	7	20	
Nickel, Dissolved	ug/L	0.78J	250	250	247	257	98	102	75-125	4	20	
Silver, Dissolved	ug/L	<0.25	125	125	118	122	95	98	75-125	3	20	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865844 2865845

Parameter	Units	40293472008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vanadium, Dissolved	ug/L	<0.63	250	250	254	263	101	105	75-125	4	20	
Zinc, Dissolved	ug/L	<20.7	250	250	257	265	103	106	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865846 2865847

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum, Dissolved	ug/L	<117	10000	10000	9850	9920	98	99	75-125	1	20	
Antimony, Dissolved	ug/L	<0.30	250	250	250	249	100	100	75-125	1	20	
Copper, Dissolved	ug/L	<3.8	250	250	243	243	97	97	75-125	0	20	
Iron, Dissolved	ug/L	37000	10000	10000	46800	46000	98	90	75-125	2	20	
Manganese, Dissolved	ug/L	481	250	250	729	716	99	94	75-125	2	20	
Nickel, Dissolved	ug/L	<0.57	250	250	248	251	99	100	75-125	1	20	
Silver, Dissolved	ug/L	<0.25	125	125	121	123	97	99	75-125	2	20	
Vanadium, Dissolved	ug/L	<0.63	250	250	256	257	102	103	75-125	0	20	
Zinc, Dissolved	ug/L	<20.7	250	250	257	259	102	103	75-125	1	20	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501857
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472008

METHOD BLANK: 2865909 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	04/15/25 08:43	
Ethylbenzene	ug/L	<0.33	1.0	04/15/25 08:43	
m&p-Xylene	ug/L	<0.70	2.0	04/15/25 08:43	
o-Xylene	ug/L	<0.35	1.0	04/15/25 08:43	
Toluene	ug/L	<0.29	1.0	04/15/25 08:43	
Xylene (Total)	ug/L	<1.0	3.0	04/15/25 08:43	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	04/15/25 08:43	
4-Bromofluorobenzene (S)	%	109	70-130	04/15/25 08:43	
Toluene-d8 (S)	%	100	70-130	04/15/25 08:43	

LABORATORY CONTROL SAMPLE: 2865910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.0	102	70-130	
Ethylbenzene	ug/L	50	50.3	101	70-130	
m&p-Xylene	ug/L	100	98.6	99	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	49.0	98	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865911 2865912

Parameter	Units	40293472008 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	53.7	56.3	107	113	70-130	5	20	
Ethylbenzene	ug/L	<0.33	50	50	52.9	54.9	106	110	70-130	4	20	
m&p-Xylene	ug/L	<0.70	100	100	105	108	105	108	70-130	3	20	
o-Xylene	ug/L	<0.35	50	50	52.8	55.0	106	110	70-130	4	20	
Toluene	ug/L	<0.29	50	50	52.2	54.7	104	109	70-130	5	20	
Xylene (Total)	ug/L	<1.0	150	150	158	163	105	109	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						101	99	70-130			
4-Bromofluorobenzene (S)	%						112	112	70-130			
Toluene-d8 (S)	%						101	101	70-130			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501858
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472006, 40293472007, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472015, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021, 40293472022, 40293472023, 40293472024, 40293472025, 40293472026

METHOD BLANK: 2865913 Matrix: Water
Associated Lab Samples: 40293472006, 40293472007, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472015, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021, 40293472022, 40293472023, 40293472024, 40293472025, 40293472026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	04/15/25 08:59	
Ethylbenzene	ug/L	<0.33	1.0	04/15/25 08:59	
m&p-Xylene	ug/L	<0.70	2.0	04/15/25 08:59	
o-Xylene	ug/L	<0.35	1.0	04/15/25 08:59	
Toluene	ug/L	<0.29	1.0	04/15/25 08:59	
Xylene (Total)	ug/L	<1.0	3.0	04/15/25 08:59	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	04/15/25 08:59	
4-Bromofluorobenzene (S)	%	99	70-130	04/15/25 08:59	
Toluene-d8 (S)	%	99	70-130	04/15/25 08:59	

LABORATORY CONTROL SAMPLE: 2865914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	55.9	112	70-130	
Ethylbenzene	ug/L	50	60.3	121	70-130	
m&p-Xylene	ug/L	100	119	119	70-130	
o-Xylene	ug/L	50	57.1	114	70-130	
Toluene	ug/L	50	57.5	115	70-130	
Xylene (Total)	ug/L	150	176	117	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865915 2865916

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	0.35J	50	50	57.0	56.7	113	113	70-130	0	20	
Ethylbenzene	ug/L	<0.33	50	50	59.9	59.7	120	119	70-130	0	20	
m&p-Xylene	ug/L	<0.70	100	100	124	119	124	119	70-130	3	20	
o-Xylene	ug/L	<0.35	50	50	59.2	57.4	118	115	70-130	3	20	
Toluene	ug/L	<0.29	50	50	60.2	59.3	120	119	70-130	1	20	
Xylene (Total)	ug/L	<1.0	150	150	183	177	122	118	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						96	98	70-130			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865915 2865916

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						97	98	70-130			
Toluene-d8 (S)	%						103	103	70-130			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501861
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472027, 40293472028, 40293472029

METHOD BLANK: 2865921 Matrix: Water
Associated Lab Samples: 40293472027, 40293472028, 40293472029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	04/16/25 08:33	
Ethylbenzene	ug/L	<0.33	1.0	04/16/25 08:33	
m&p-Xylene	ug/L	<0.70	2.0	04/16/25 08:33	
o-Xylene	ug/L	<0.35	1.0	04/16/25 08:33	
Toluene	ug/L	<0.29	1.0	04/16/25 08:33	
Xylene (Total)	ug/L	<1.0	3.0	04/16/25 08:33	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	04/16/25 08:33	
4-Bromofluorobenzene (S)	%	108	70-130	04/16/25 08:33	
Toluene-d8 (S)	%	102	70-130	04/16/25 08:33	

LABORATORY CONTROL SAMPLE: 2865922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.1	92	70-130	
Ethylbenzene	ug/L	50	47.9	96	70-130	
m&p-Xylene	ug/L	100	93.9	94	70-130	
o-Xylene	ug/L	50	47.6	95	70-130	
Toluene	ug/L	50	47.0	94	70-130	
Xylene (Total)	ug/L	150	142	94	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			114	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2865923 2865924

Parameter	Units	40293537009 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	49.7	50.3	99	101	70-130	1	20	
Ethylbenzene	ug/L	<0.33	50	50	51.6	53.1	103	106	70-130	3	20	
m&p-Xylene	ug/L	<0.70	100	100	101	104	101	104	70-130	3	20	
o-Xylene	ug/L	<0.35	50	50	50.9	52.4	102	105	70-130	3	20	
Toluene	ug/L	<0.29	50	50	51.3	52.3	103	105	70-130	2	20	
Xylene (Total)	ug/L	<1.0	150	150	152	156	101	104	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						114	114	70-130			
Toluene-d8 (S)	%						104	104	70-130			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501930
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: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007

METHOD BLANK: 2866116 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	04/14/25 16:18	
2-Methylnaphthalene	ug/L	<0.014	0.050	04/14/25 16:18	
Acenaphthene	ug/L	<0.014	0.050	04/14/25 16:18	
Acenaphthylene	ug/L	<0.013	0.050	04/14/25 16:18	
Anthracene	ug/L	<0.018	0.050	04/14/25 16:18	
Benzo(a)anthracene	ug/L	<0.014	0.050	04/14/25 16:18	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/14/25 16:18	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/14/25 16:18	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/14/25 16:18	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	04/14/25 16:18	
Chrysene	ug/L	<0.013	0.050	04/14/25 16:18	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	04/14/25 16:18	
Fluoranthene	ug/L	<0.026	0.050	04/14/25 16:18	
Fluorene	ug/L	<0.024	0.050	04/14/25 16:18	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	04/14/25 16:18	
Naphthalene	ug/L	<0.020	0.050	04/14/25 16:18	
Phenanthrene	ug/L	<0.026	0.050	04/14/25 16:18	
Pyrene	ug/L	<0.023	0.050	04/14/25 16:18	
2-Fluorobiphenyl (S)	%	65	33-123	04/14/25 16:18	
Terphenyl-d14 (S)	%	67	36-134	04/14/25 16:18	

LABORATORY CONTROL SAMPLE & LCSD: 2866117 2866118

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	1.5	75	73	52-120	2	20	
2-Methylnaphthalene	ug/L	2	1.4	1.4	68	68	50-120	0	20	
Acenaphthene	ug/L	2	1.5	1.5	76	76	56-120	0	20	
Acenaphthylene	ug/L	2	1.4	1.4	68	69	56-120	1	20	
Anthracene	ug/L	2	1.4	1.4	70	69	61-120	2	20	
Benzo(a)anthracene	ug/L	2	1.3	1.3	63	64	59-120	2	20	
Benzo(a)pyrene	ug/L	2	1.6	1.7	80	83	60-120	3	20	
Benzo(b)fluoranthene	ug/L	2	1.5	1.5	76	74	56-120	2	20	
Benzo(g,h,i)perylene	ug/L	2	1.2	1.3	62	65	57-120	3	20	
Benzo(k)fluoranthene	ug/L	2	1.6	1.7	82	85	61-120	3	20	
Chrysene	ug/L	2	1.7	1.7	84	85	62-125	2	20	
Dibenz(a,h)anthracene	ug/L	2	1.1	1.2	53	60	41-120	11	27	
Fluoranthene	ug/L	2	1.8	1.7	89	86	62-120	3	20	
Fluorene	ug/L	2	1.5	1.5	74	74	57-120	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.3	1.3	65	67	53-120	2	23	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

LABORATORY CONTROL SAMPLE & LCSD: 2866117 2866118

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.5	1.5	74	73	46-120	0	20	
Phenanthrene	ug/L	2	1.6	1.6	79	78	63-120	1	20	
Pyrene	ug/L	2	1.6	1.5	78	76	52-120	2	20	
2-Fluorobiphenyl (S)	%				69	70	33-123			
Terphenyl-d14 (S)	%				75	74	36-134			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501975
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: 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014

METHOD BLANK: 2866252 Matrix: Water
Associated Lab Samples: 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	04/15/25 17:06	
2-Methylnaphthalene	ug/L	<0.014	0.050	04/15/25 17:06	
Acenaphthene	ug/L	<0.014	0.050	04/15/25 17:06	
Acenaphthylene	ug/L	<0.013	0.050	04/15/25 17:06	
Anthracene	ug/L	<0.018	0.050	04/15/25 17:06	
Benzo(a)anthracene	ug/L	<0.014	0.050	04/15/25 17:06	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/15/25 17:06	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/15/25 17:06	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/15/25 17:06	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	04/15/25 17:06	
Chrysene	ug/L	<0.013	0.050	04/15/25 17:06	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	04/15/25 17:06	
Fluoranthene	ug/L	<0.026	0.050	04/15/25 17:06	
Fluorene	ug/L	<0.024	0.050	04/15/25 17:06	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	04/15/25 17:06	
Naphthalene	ug/L	<0.020	0.050	04/15/25 17:06	
Phenanthrene	ug/L	<0.026	0.050	04/15/25 17:06	
Pyrene	ug/L	<0.023	0.050	04/15/25 17:06	
2-Fluorobiphenyl (S)	%	69	33-123	04/15/25 17:06	
Terphenyl-d14 (S)	%	79	36-134	04/15/25 17:06	

LABORATORY CONTROL SAMPLE: 2866253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	74	52-120	
2-Methylnaphthalene	ug/L	2	1.4	70	50-120	
Acenaphthene	ug/L	2	1.5	75	56-120	
Acenaphthylene	ug/L	2	1.5	73	56-120	
Anthracene	ug/L	2	1.7	83	61-120	
Benzo(a)anthracene	ug/L	2	1.7	85	59-120	
Benzo(a)pyrene	ug/L	2	1.8	89	60-120	
Benzo(b)fluoranthene	ug/L	2	1.9	93	56-120	
Benzo(g,h,i)perylene	ug/L	2	1.4	68	57-120	
Benzo(k)fluoranthene	ug/L	2	1.7	87	61-120	
Chrysene	ug/L	2	1.6	79	62-125	
Dibenz(a,h)anthracene	ug/L	2	1.0	51	41-120	
Fluoranthene	ug/L	2	1.8	90	62-120	
Fluorene	ug/L	2	1.6	79	57-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.4	72	53-120	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

LABORATORY CONTROL SAMPLE: 2866253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.4	72	46-120	
Phenanthrene	ug/L	2	1.6	81	63-120	
Pyrene	ug/L	2	1.5	76	52-120	
2-Fluorobiphenyl (S)	%			70	33-123	
Terphenyl-d14 (S)	%			75	36-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866254 2866255

Parameter	Units	40293472008 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	2.2	1.6	1.7	76	80	10-153	10	34	
2-Methylnaphthalene	ug/L	<0.014	2	2.2	1.4	1.5	69	72	25-120	8	31	
Acenaphthene	ug/L	<0.014	2	2.2	1.6	1.7	78	81	22-128	9	28	
Acenaphthylene	ug/L	<0.013	2	2.2	1.5	1.6	72	74	38-120	8	31	
Anthracene	ug/L	<0.019	2	2.2	1.7	1.9	81	90	37-120	15	29	
Benzo(a)anthracene	ug/L	<0.014	2	2.2	1.5	1.7	74	79	18-120	11	25	
Benzo(a)pyrene	ug/L	<0.013	2	2.2	1.7	2.0	85	92	31-120	13	34	
Benzo(b)fluoranthene	ug/L	<0.0093	2	2.2	1.7	2.0	82	91	29-124	15	25	
Benzo(g,h,i)perylene	ug/L	<0.024	2	2.2	1.3	1.6	66	73	17-124	15	29	
Benzo(k)fluoranthene	ug/L	<0.023	2	2.2	1.7	1.9	82	87	34-127	11	28	
Chrysene	ug/L	<0.013	2	2.2	1.6	1.8	79	85	25-153	12	29	
Dibenz(a,h)anthracene	ug/L	<0.018	2	2.2	1.4	1.6	67	76	10-122	19	30	
Fluoranthene	ug/L	<0.027	2	2.2	1.8	2.1	89	96	39-129	12	30	
Fluorene	ug/L	<0.024	2	2.2	1.6	1.8	78	82	41-120	11	28	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	2	2.2	1.4	1.6	68	75	11-127	16	30	
Naphthalene	ug/L	<0.020	2	2.2	1.5	1.7	74	77	16-136	9	39	
Phenanthrene	ug/L	<0.026	2	2.2	1.7	1.9	83	88	39-120	10	28	
Pyrene	ug/L	<0.023	2	2.2	1.5	1.7	75	80	31-122	11	27	
2-Fluorobiphenyl (S)	%						74	81	33-123			
Terphenyl-d14 (S)	%						78	85	36-134			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502162
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: 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021, 40293472022, 40293472023, 40293472024, 40293472025, 40293472026, 40293472027

METHOD BLANK: 2867092 Matrix: Water
Associated Lab Samples: 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021, 40293472022, 40293472023, 40293472024, 40293472025, 40293472026, 40293472027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	04/16/25 14:59	
2-Methylnaphthalene	ug/L	<0.014	0.050	04/16/25 14:59	
Acenaphthene	ug/L	<0.014	0.050	04/16/25 14:59	
Acenaphthylene	ug/L	<0.013	0.050	04/16/25 14:59	
Anthracene	ug/L	<0.018	0.050	04/16/25 14:59	
Benzo(a)anthracene	ug/L	<0.014	0.050	04/16/25 14:59	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/16/25 14:59	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/16/25 14:59	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/16/25 14:59	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	04/16/25 14:59	
Chrysene	ug/L	<0.013	0.050	04/16/25 14:59	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	04/16/25 14:59	
Fluoranthene	ug/L	<0.026	0.050	04/16/25 14:59	
Fluorene	ug/L	<0.024	0.050	04/16/25 14:59	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	04/16/25 14:59	
Naphthalene	ug/L	<0.020	0.050	04/16/25 14:59	
Phenanthrene	ug/L	<0.026	0.050	04/16/25 14:59	
Pyrene	ug/L	<0.023	0.050	04/16/25 14:59	
2-Fluorobiphenyl (S)	%	69	33-123	04/16/25 14:59	
Terphenyl-d14 (S)	%	75	36-134	04/16/25 14:59	

LABORATORY CONTROL SAMPLE: 2867093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.6	78	52-120	
2-Methylnaphthalene	ug/L	2	1.5	74	50-120	
Acenaphthene	ug/L	2	1.6	79	56-120	
Acenaphthylene	ug/L	2	1.5	77	56-120	
Anthracene	ug/L	2	1.6	82	61-120	
Benzo(a)anthracene	ug/L	2	1.6	82	59-120	
Benzo(a)pyrene	ug/L	2	1.8	90	60-120	
Benzo(b)fluoranthene	ug/L	2	1.9	94	56-120	
Benzo(g,h,i)perylene	ug/L	2	1.5	76	57-120	
Benzo(k)fluoranthene	ug/L	2	1.7	87	61-120	
Chrysene	ug/L	2	1.6	78	62-125	
Dibenz(a,h)anthracene	ug/L	2	1.3	67	41-120	
Fluoranthene	ug/L	2	1.7	84	62-120	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

LABORATORY CONTROL SAMPLE: 2867093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	2	1.6	81	57-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.6	78	53-120	
Naphthalene	ug/L	2	1.7	87	46-120	
Phenanthrene	ug/L	2	1.7	83	63-120	
Pyrene	ug/L	2	1.6	78	52-120	
2-Fluorobiphenyl (S)	%			76	33-123	
Terphenyl-d14 (S)	%			80	36-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2867096 2867097

Parameter	Units	40293472018 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	0.35	2.1	2	2.1	1.9	82	78	10-153	7	34	
2-Methylnaphthalene	ug/L	<0.015	2.1	2	1.5	1.4	72	69	25-120	8	31	
Acenaphthene	ug/L	1.8	2.1	2	3.8	3.7	95	91	22-128	5	28	
Acenaphthylene	ug/L	0.065	2.1	2	1.6	1.5	75	72	38-120	8	31	
Anthracene	ug/L	0.050J	2.1	2	1.8	1.7	82	85	37-120	2	29	
Benzo(a)anthracene	ug/L	0.037J	2.1	2	1.6	1.5	75	74	18-120	6	25	
Benzo(a)pyrene	ug/L	0.033J	2.1	2	1.7	1.8	81	87	31-120	3	34	
Benzo(b)fluoranthene	ug/L	0.057	2.1	2	1.8	1.7	84	82	29-124	6	25	
Benzo(g,h,i)perylene	ug/L	0.029J	2.1	2	1.5	1.4	70	69	17-124	6	29	
Benzo(k)fluoranthene	ug/L	<0.024	2.1	2	1.7	1.6	79	79	34-127	6	28	
Chrysene	ug/L	0.051J	2.1	2	1.7	1.6	77	79	25-153	2	29	
Dibenz(a,h)anthracene	ug/L	<0.019	2.1	2	1.5	1.4	72	70	10-122	6	30	
Fluoranthene	ug/L	0.17	2.1	2	1.9	1.8	82	80	39-129	8	30	
Fluorene	ug/L	0.27	2.1	2	1.9	1.9	78	81	41-120	1	28	
Indeno(1,2,3-cd)pyrene	ug/L	0.023J	2.1	2	1.5	1.4	72	71	11-127	6	30	
Naphthalene	ug/L	0.35	2.1	2	2.2	2.0	90	81	16-136	12	39	
Phenanthrene	ug/L	0.18	2.1	2	1.9	1.8	84	81	39-120	7	28	
Pyrene	ug/L	0.15	2.1	2	1.8	1.7	78	76	31-122	7	27	
2-Fluorobiphenyl (S)	%						76	72	33-123			
Terphenyl-d14 (S)	%						74	74	36-134			

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 501929
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: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472013

METHOD BLANK: 2866110 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/15/25 16:52	

LABORATORY CONTROL SAMPLE: 2866111

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866112 2866113

Parameter	Units	40293118001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	366	400	400	795	776	107	102	90-110	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866121 2866122

Parameter	Units	40293472008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	50.1	100	100	160	160	110	110	90-110	0	15	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502152
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: 40293472014

METHOD BLANK: 2867035 Matrix: Water
Associated Lab Samples: 40293472014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/16/25 16:25	

LABORATORY CONTROL SAMPLE: 2867036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.2	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2867050 2867051

Parameter	Units	40293506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	77.7	100	100	181	182	103	104	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2867066 2867067

Parameter	Units	40293663004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	5.0J	200	200	221	221	108	108	90-110	0	15	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502299 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472012, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

METHOD BLANK: 2867773 Matrix: Water
Associated Lab Samples: 40293472012, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/18/25 10:19	

LABORATORY CONTROL SAMPLE: 2867774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2867775 2867776

Parameter	Units	40293472012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	568	400	400	961	948	98	95	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869766 2869767

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	7.8J	100	100	112	117	105	110	90-110	4	15	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502020
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020

METHOD BLANK: 2866397 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002, 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	04/16/25 12:01	

LABORATORY CONTROL SAMPLE: 2866398

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866399 2866400

Parameter	Units	40293472008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	233	100	100	327	328	94	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2866401 2866402

Parameter	Units	40293472018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	342	100	100	462	466	120	124	90-110	1	20	M0

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502568
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40293472021

METHOD BLANK: 2869476 Matrix: Water
Associated Lab Samples: 40293472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	04/22/25 09:38	

LABORATORY CONTROL SAMPLE: 2869477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	98.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869478 2869479

Parameter	Units	40293715001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	247	100	100	357	354	109	107	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869480 2869481

Parameter	Units	40293881001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	460	200	200	670	667	105	104	90-110	0	20	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502438
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: 40293472001, 40293472002

METHOD BLANK: 2869085 Matrix: Water
Associated Lab Samples: 40293472001, 40293472002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	04/21/25 13:17	

LABORATORY CONTROL SAMPLE: 2869086

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: 2869087 2869088

Parameter	Units	40293657006 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	0.13J	2.5	2.5	2.5	2.6	97	98	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869089 2869090

Parameter	Units	40293472002 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	0.21J	2.5	2.5	2.7	2.7	101	101	90-110	0	20	

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QUALITY CONTROL DATA

Project: Marinette Former MGP
Pace Project No.: 40293472

QC Batch: 502439
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: 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

METHOD BLANK: 2869091 Matrix: Water
Associated Lab Samples: 40293472003, 40293472004, 40293472005, 40293472006, 40293472007, 40293472008, 40293472009, 40293472010, 40293472011, 40293472012, 40293472013, 40293472014, 40293472016, 40293472017, 40293472018, 40293472019, 40293472020, 40293472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	04/21/25 13:41	

LABORATORY CONTROL SAMPLE: 2869092

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869093 2869094

Parameter	Units	40293472008 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	1.3	2.5	2.5	3.8	3.8	103	103	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2869095 2869096

Parameter	Units	40293472018 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	0.090J	2.5	2.5	2.5	2.5	97	95	90-110	2	20	

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QUALIFIERS

Project: Marinette Former MGP
Pace Project No.: 40293472

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.

BATCH QUALIFIERS

Batch: 501959

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

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
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.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40293472001	**040925001**	EPA 8015B Modified	501904		
40293472002	**040925002**	EPA 8015B Modified	501904		
40293472003	**040925003**	EPA 8015B Modified	501904		
40293472004	**040925004**	EPA 8015B Modified	501904		
40293472005	**040925005**	EPA 8015B Modified	501904		
40293472006	**040925006**	EPA 8015B Modified	501998		
40293472007	**040925007**	EPA 8015B Modified	501998		
40293472008	**040925008**	EPA 8015B Modified	501998		
40293472009	**040925009**	EPA 8015B Modified	501998		
40293472010	**040925010**	EPA 8015B Modified	501998		
40293472011	**040925011**	EPA 8015B Modified	501998		
40293472012	**040925012**	EPA 8015B Modified	501998		
40293472013	**040925013**	EPA 8015B Modified	501998		
40293472014	**040925014**	EPA 8015B Modified	501998		
40293472016	**041025016**	EPA 8015B Modified	501998		
40293472017	**041025017**	EPA 8015B Modified	501998		
40293472018	**041025018**	EPA 8015B Modified	502118		
40293472019	**041025019**	EPA 8015B Modified	501998		
40293472020	**041025020**	EPA 8015B Modified	501998		
40293472021	**041025021**	EPA 8015B Modified	501998		
40293472001	**040925001**	EPA 3010A	501840	EPA 6020B	501946
40293472002	**040925002**	EPA 3010A	501840	EPA 6020B	501946
40293472003	**040925003**	EPA 3010A	501840	EPA 6020B	501946
40293472004	**040925004**	EPA 3010A	501840	EPA 6020B	501946
40293472005	**040925005**	EPA 3010A	501840	EPA 6020B	501946
40293472006	**040925006**	EPA 3010A	501840	EPA 6020B	501946
40293472007	**040925007**	EPA 3010A	501840	EPA 6020B	501946
40293472008	**040925008**	EPA 3010A	501840	EPA 6020B	501946
40293472009	**040925009**	EPA 3010A	501840	EPA 6020B	501946
40293472010	**040925010**	EPA 3010A	501840	EPA 6020B	501946
40293472011	**040925011**	EPA 3010A	501840	EPA 6020B	501946
40293472013	**040925013**	EPA 3010A	501840	EPA 6020B	501946
40293472014	**040925014**	EPA 3010A	501840	EPA 6020B	501946
40293472016	**041025016**	EPA 3010A	501840	EPA 6020B	501946
40293472017	**041025017**	EPA 3010A	501840	EPA 6020B	501946
40293472018	**041025018**	EPA 3010A	501840	EPA 6020B	501946
40293472019	**041025019**	EPA 3010A	501840	EPA 6020B	501946
40293472020	**041025020**	EPA 3010A	501840	EPA 6020B	501946
40293472021	**041025021**	EPA 3010A	501840	EPA 6020B	501946
40293472001	**040925001**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472002	**040925002**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472003	**040925003**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472004	**040925004**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472005	**040925005**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472006	**040925006**	EPA 3510	501930	EPA 8270E by SIM	501959
40293472007	**040925007**	EPA 3510	501930	EPA 8270E by SIM	501959

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40293472008	**040925008**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472009	**040925009**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472010	**040925010**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472011	**040925011**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472012	**040925012**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472013	**040925013**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472014	**040925014**	EPA 3510	501975	EPA 8270E by SIM	502006
40293472016	**041025016**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472017	**041025017**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472018	**041025018**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472019	**041025019**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472020	**041025020**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472021	**041025021**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472022	**041025022**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472023	**041025023**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472024	**041025024**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472025	**041025025**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472026	**041025026**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472027	**041025027**	EPA 3510	502162	EPA 8270E by SIM	502186
40293472001	**040925001**	EPA 8260	501857		
40293472002	**040925002**	EPA 8260	501857		
40293472003	**040925003**	EPA 8260	501857		
40293472004	**040925004**	EPA 8260	501857		
40293472005	**040925005**	EPA 8260	501857		
40293472006	**040925006**	EPA 8260	501858		
40293472007	**040925007**	EPA 8260	501858		
40293472008	**040925008**	EPA 8260	501857		
40293472009	**040925009**	EPA 8260	501858		
40293472010	**040925010**	EPA 8260	501858		
40293472011	**040925011**	EPA 8260	501858		
40293472012	**040925012**	EPA 8260	501858		
40293472013	**040925013**	EPA 8260	501858		
40293472014	**040925014**	EPA 8260	501858		
40293472015	**040925015**	EPA 8260	501858		
40293472016	**041025016**	EPA 8260	501858		
40293472017	**041025017**	EPA 8260	501858		
40293472018	**041025018**	EPA 8260	501858		
40293472019	**041025019**	EPA 8260	501858		
40293472020	**041025020**	EPA 8260	501858		
40293472021	**041025021**	EPA 8260	501858		
40293472022	**041025022**	EPA 8260	501858		
40293472023	**041025023**	EPA 8260	501858		
40293472024	**041025024**	EPA 8260	501858		
40293472025	**041025025**	EPA 8260	501858		
40293472026	**041025026**	EPA 8260	501858		
40293472027	**041025027**	EPA 8260	501861		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40293472028	**041025028**	EPA 8260	501861		
40293472029	**041025029**	EPA 8260	501861		
40293472001	**040925001**	EPA 300.0	501929		
40293472002	**040925002**	EPA 300.0	501929		
40293472003	**040925003**	EPA 300.0	501929		
40293472004	**040925004**	EPA 300.0	501929		
40293472005	**040925005**	EPA 300.0	501929		
40293472006	**040925006**	EPA 300.0	501929		
40293472007	**040925007**	EPA 300.0	501929		
40293472008	**040925008**	EPA 300.0	501929		
40293472009	**040925009**	EPA 300.0	501929		
40293472010	**040925010**	EPA 300.0	501929		
40293472011	**040925011**	EPA 300.0	501929		
40293472012	**040925012**	EPA 300.0	502299		
40293472013	**040925013**	EPA 300.0	501929		
40293472014	**040925014**	EPA 300.0	502152		
40293472016	**041025016**	EPA 300.0	502299		
40293472017	**041025017**	EPA 300.0	502299		
40293472018	**041025018**	EPA 300.0	502299		
40293472019	**041025019**	EPA 300.0	502299		
40293472020	**041025020**	EPA 300.0	502299		
40293472021	**041025021**	EPA 300.0	502299		
40293472001	**040925001**	EPA 310.2	502020		
40293472002	**040925002**	EPA 310.2	502020		
40293472003	**040925003**	EPA 310.2	502020		
40293472004	**040925004**	EPA 310.2	502020		
40293472005	**040925005**	EPA 310.2	502020		
40293472006	**040925006**	EPA 310.2	502020		
40293472007	**040925007**	EPA 310.2	502020		
40293472008	**040925008**	EPA 310.2	502020		
40293472009	**040925009**	EPA 310.2	502020		
40293472010	**040925010**	EPA 310.2	502020		
40293472011	**040925011**	EPA 310.2	502020		
40293472012	**040925012**	EPA 310.2	502020		
40293472013	**040925013**	EPA 310.2	502020		
40293472014	**040925014**	EPA 310.2	502020		
40293472016	**041025016**	EPA 310.2	502020		
40293472017	**041025017**	EPA 310.2	502020		
40293472018	**041025018**	EPA 310.2	502020		
40293472019	**041025019**	EPA 310.2	502020		
40293472020	**041025020**	EPA 310.2	502020		
40293472021	**041025021**	EPA 310.2	502568		
40293472001	**040925001**	EPA 353.2	502438		
40293472002	**040925002**	EPA 353.2	502438		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Marinette Former MGP
Pace Project No.: 40293472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40293472003	**040925003**	EPA 353.2	502439		
40293472004	**040925004**	EPA 353.2	502439		
40293472005	**040925005**	EPA 353.2	502439		
40293472006	**040925006**	EPA 353.2	502439		
40293472007	**040925007**	EPA 353.2	502439		
40293472008	**040925008**	EPA 353.2	502439		
40293472009	**040925009**	EPA 353.2	502439		
40293472010	**040925010**	EPA 353.2	502439		
40293472011	**040925011**	EPA 353.2	502439		
40293472012	**040925012**	EPA 353.2	502439		
40293472013	**040925013**	EPA 353.2	502439		
40293472014	**040925014**	EPA 353.2	502439		
40293472016	**041025016**	EPA 353.2	502439		
40293472017	**041025017**	EPA 353.2	502439		
40293472018	**041025018**	EPA 353.2	502439		
40293472019	**041025019**	EPA 353.2	502439		
40293472020	**041025020**	EPA 353.2	502439		
40293472021	**041025021**	EPA 353.2	502439		

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1241 Bellevue Street, Suite 9
Green Bay, WI 54302 Ramboll

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40293472

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Company Name:	~~O'Brien & Gere Engineers, Inc- Integrys WI~~	Contact/Report To:	~~Emily Ruder~~ Kyle Bareither
Street Address:	234 W Florida St Fifth Floor Milwaukee, WI 53204	Phone #:	~~414-249-0678~~
		E-Mail:	~~eruder@ramboll.com~~ KYLE.BAREITHER@RAMBOLL.COM,
		Cc E-Mail:	VANDERSON@RAMBOLL.COM
Customer Project #:	1940108087	Invoice To:	Accounts - WEC
Project Name:	Marinette Former 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 [X] 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: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: Standard turn

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

Analysis: 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), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 BTEX	8260 Benzene + Ethylbenzene	Dis 6020 Al,V,Fe,Mn,Ni,Cu,Zn,Ag,Sb	Methane 8015	N+N	PAH	PAH Short List	Sulfate, Alkalinity	Trip Blank	Sample Comment
040825001	GW	G			4/8/25	1114	11	NA	NA	X		X	X	X	X		X		001
040825002						1215	11			X		X	X	X	X		X		002
040825003						1255	11			X		X	X	X	X		X		003
040825004						1300	11			X		X	X	X	X		X		004
040825005						1352	11			X		X	X	X	X		X		005
040825006						1434	11			X		X	X	X	X		X		006
040825007						1521	11			X		X	X	X	X		X		007
040825008						1611	33			X		X	X	X	X		X		MS/MSD1 008
040825009						1713	11			X		X	X	X	X		X		009
040825010						1750	11			X		X	X	X	X		X		010

UA 4/10/25

Specify Container Size **: 0 0 3 0 3 5 5 3 6

Identify Container Preservative Type***: 4 4 2 4 2 1 1 1 4

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) 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: 3569
Prelog / Bottle Ord. ID: EZ 3245959

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
all samples dated "4/8" collected on 4/9.
COC # 08087-0425

Collected By: (Printed Name) Devin Lovang
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
3	145, 145, 145	-0.5, -0.5, -0.5	0.5, 0.5, 0.5	0.0, 0.0, 0.0	Y, Y, Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ramboll	4/10/25 1615	Matt Vanstamberg/Pace	04/10/2025 16:15

Tracking Number: N/A

Delivered by: [✓] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 3

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_v02_110123 ©

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

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

40293472

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Company Name:	~~O'Brien & Gere Engineers, Inc Integrys WI~~	Contact/Report To:	~~Emily Ruder~~ Kyle Bareither
Street Address:	234 W Florida St Fifth Floor Milwaukee, WI 53204	Phone #:	~~414-249-0678~~
		E-Mail:	~~eruder@ramboll.com~~ KYLE.BAREITHER@RAMBOLL.COM; VANDERSON@RAMBOLL.COM
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Customer Project #:	1940108087	Invoice To:	Accounts - WEC
Project Name:	Marinette Former 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 [X] 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: Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other	DW PWSID # or WW Permit # as applicable:	
	Date Results Requested: Standard turn	Field Filtered (if applicable): [X] Yes [ ] No Analysis: 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), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 6 6 3 10 3 5 5 3 6

Identify Container Preservative Type***: 4 4 2 4 3 1 1 1 4

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 BTEX	8260 Benzene + Ethylbenzene	Dis 6020 Al,V,Fe,Mn,Ni,Cu,Zn,Ag,Sb	Methane 8015	N+N	PAH	PAH Short List	Sulfate, Alkalinity	Trip Blank	Sample Comment
040825011	GW	G			4/8/25	1847	11	NA	NA	X		X	X	X	X		X		011
040825012						1915	10			X			X	X	X		X		012
040925013						1944	11			X		X	X	X	X		X		013
040925014						2010	11			X		X	X	X	X		X		014
040925015	WT					2030	3			X									015
041025016	GW				4/10/25	0745	11			X		X	X	X	X		X		016
041025017						0750	11			X		X	X	X	X		X		017
041025018						0840	33			X		X	X	X	X		X		MS/MSD2 018
041025019						0952	11			X		X	X	X	X		X		019
041025020						1031	11			X		X	X	X	X		X		020

Lab Use Only
Proj. Mgr: Brian Basten
AcctNum / Client ID:
Table #:
Profile / Template: 3569
Prelog / Bottle Ord. ID: EZ 3245959

Preservation non-conformance identified for sample.

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) 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

Additional Instructions from Pace®:
+all samples dated "4/8" on sample bottles collected on 4/9
COC#: 08087-0425

Collected By: (Printed Name) Devin Levang
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
3	145,145,145	-0.5,-0.5,-0.5	0.5,0.5,0.5	0.0,0.0,0.0	Y,Y,Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ramboll	4/10/25 1615	Matt VanSambeek Pace	04/10/2025 16:15

Tracking Number: N/A

Delivered by: [✓] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 3

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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

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40293472

Scan QR Code for instructions

Company Name:	O'Brien & Gere Engineers, Inc Integrys WI
Street Address:	234 W Florida St Fifth Floor Milwaukee, WI 53204
Customer Project #:	1940108087
Project Name:	Marinette Former MGP
Site Collection Info/Facility ID (as applicable):	
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [X] CT [ ] ET
Contact/Report To:	~~Emily Ruder~~ Kyle Bareither
Phone #:	~~414-249-0678~~
E-Mail:	~~eruder@ramboll.com~~ KYLE.BAREITHER@RAMBOLL.COM
Cc E-Mail:	VANDERSON@RAMBOLL.COM
Invoice To:	Accounts - WEC
Invoice E-Mail:	invoicecollector@wecenergygroup.com
Purchase Order # (if applicable):	1200187395
Quote #:	
County / State origin of sample(s):	Wisconsin

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: Standard turn

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

Analysis: 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), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 6 6 3 6 3 5 5 3 6

Identify Container Preservative Type***: 4 4 2 4 3 1 1 1 4

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) 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: 3569; Prelog / Bottle Ord. ID: EZ 3245959

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 BTEX	8260 Benzene + Ethylbenzene	Dis 6020 Al,V,Fe,Mn,Ni,Cu,Zn,Ag,Sb	Methane 8015	N+N	PAH	PAH Short List	Sulfate, Alkalinity	Trip Blank	Sample Comment	Preservation non-conformance identified for sample.
041025021	GW	G			4/10/25	1109	11	NA	NA	X		X	X	X	X		X		021	
041025022						1155	5				X					X			022	
041025023						1200	5				X					X			023	
041025024						1235	5				X					X			024	
041025025						1303	5				X					X			025	
041025026						1330	5				X					X			026	
041025027						1400	5				X					X			027	
041025028	WT					1420	3			X									028	
041025029	LB					-	2											X	029	

Additional Instructions from Pace®: COC# : 08087-0425

Collected By: (Printed Name) Devin Levang

Signature: [signature]

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
3	145,145,145	-0.5,-0.5,-0.5	0.5,0.5,0.5	0.0,0.0,0.0	Y,Y,Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
[signature] / Ramboll	4/10/25 1615	Matt Vantamleek Pace	04/10/2025 16:15	N/A
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: 13 of 13

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Sample Preservation Receipt Form

Client Name: Ramboll Project # 40293472

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. 10D0144 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					6												X			X		2.5 / 5
002					2				1		1	1					6												X			X		2.5 / 5
003					2				1		1	1					6												X			X		2.5 / 5
004					2				1		1	1					6												X			X		2.5 / 5
005					2				1		1	1					6												X			X		2.5 / 5
006					2				1		1	1					6												X			X		2.5 / 5
007					2				1		1	1					6												X			X		2.5 / 5
008					6				3		3	3					18												X			X		2.5 / 5
009					2				1		1	1					6												X			X		2.5 / 5
010					2				1		1	1					6											2	X			X		2.5 / 5
011					2				1		1	1					6												X			X		2.5 / 5
012					2				1		1	1					6												X			X		2.5 / 5
013					2				1		1	1					6												X			X		2.5 / 5
014					2				1	X	1	1					6												X			X		2.5 / 5
015																	3																	2.5 / 5
016					2				1		1	1					6											1	X			X		2.5 / 5
017					2				1		1	1					6												X			X		2.5 / 5
018					6				3		3	3					18												X			X		2.5 / 5
019					2				1		1	1					6												X			X		2.5 / 5
020					2				1		1	1					6												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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

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

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

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres

SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN 1	
GN 2	

Sample Preservation Receipt Form

Client Name: Rambull Project #: 40293472

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				1		1	1					6											1	X			X		2.5 / 5
022					2												3																	2.5 / 5
023					2												3																	2.5 / 5
024					2												3																	2.5 / 5
025					2												3																	2.5 / 5
026					2												3											3						2.5 / 5
027					2												3											1						2.5 / 5
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045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

MK 4/11/25

Page 2 of 3

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40293472**

40293472

Client Name: Rumball

Courier: ☒ CS Logistics ☒ Fed Ex ☐ Speedee ☒ UPS ☒ Purple Mountain ☒ 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 - 145 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.6,0.5,0.5 /Corr: 0.0,0.0,0.0

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

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

Person examining contents:
Date: 4/11/25 /Initials: mH

Labeled By Initials: MMR

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: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 542		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 3 of 3