



Wisconsin Public Service Corporation

700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001

www.wisconsinpublicservice.com

June 13, 2023

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

**RE: May 2023 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. Gielniewski:

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 2023 Monthly Progress Report to United States Environmental Protection Agency (USEPA) by May 15, 2023.
- USEPA approved Focused Feasibility Study, Revision 2 on May 5, 2023.

2) ANALYTICAL AND OTHER TESTING RESULTS RECEIVED

- Received laboratory data packages from April groundwater sampling event.

3) PROJECTED WORK

WPSC Actions

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

USEPA Actions

- Continue preparation of Proposed Plan.

4) PROBLEMS OR POTENTIAL PROBLEMS ENCOUNTERED

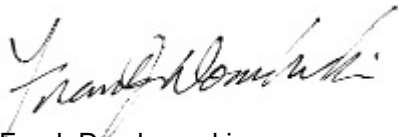
- None

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,

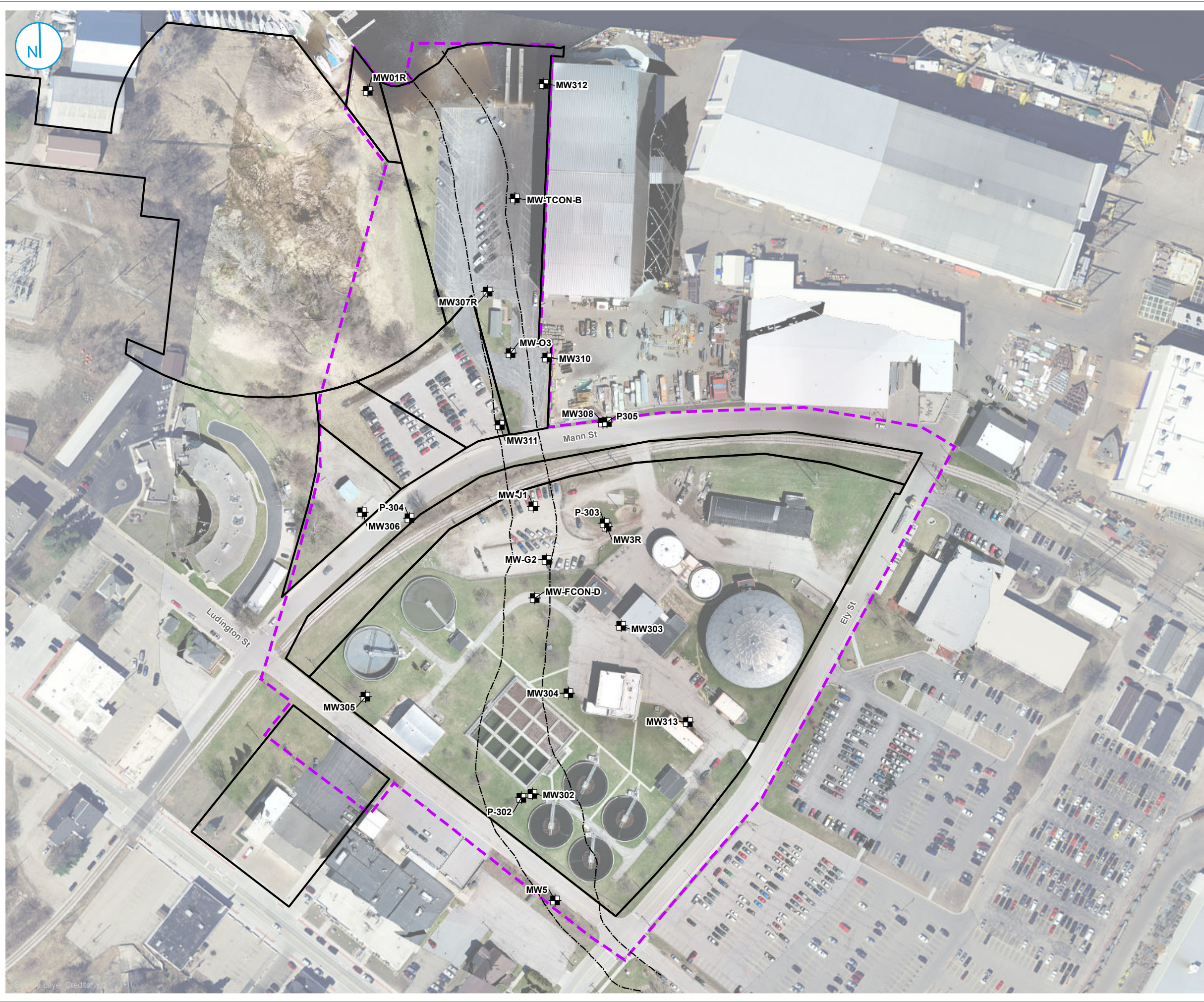






Frank Dombrowski
Principal Environmental Consultant
WEC Business Services – Environmental Dept.

Enclosures: Figure 1 – Monitoring Wells
 Table 1 – April 2023 Groundwater Analytical Results Compared to the
 Groundwater Standard, Tap Water Criteria, and WI PAL
 Marinette MGP Groundwater Level IV Data Package (on SharePoint)
 [Marinette MGP May 2023 MPR SharePoint Link](#)

For distribution to: Ms. Sarah Krueger, WDNR (via US Mail and email)
 WDNR Northeast Region (via email to DNRRRNER@wisconsin.gov)
 Ms. Adrienne Korpela, Jacobs (via email)
 Ms. Abby Small, Ramboll (via email)

FIGURES



-  EXISTING MONITORING WELL LOCATION
-  FORMER SLOUGH/ LOG RUN
-  PARCEL BOUNDARY (MARINETTE COUNTY, ACCESSED 7/16/2018)
-  APPROXIMATE EXTENT OF UPLAND SITE



MONITORING WELLS

WPC MARINETTE FORMER MGP SITE
MARINETTE, WISCONSIN

FIGURE 1



TABLES

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

Monthly Progress Report - April 2023 Sample Results
 Wisconsin Public Service Corporation
 Marinette Former MGP
 Marinette, Wisconsin
 BRRTS# 023800047 CERCLIS ID: WIN000509952

9-digit Code	Sample Location	Sample Date	BTEX	BTEX	BTEX	BTEX	BTEX	BTEX	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	Metal	Metal	Metal	Metal	Metal		
			Benzene	Ethylbenzene	Toluene	Xylene, o	Xylenes, m + p	Xylenes, Total	Anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene	Aluminum, Dissolved	Antimony, Dissolved	Copper, Dissolved	Iron, Dissolved	Manganese, Dissolved	
			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	
Reporting Units:			Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
WI Groundwater SL:			5	700	800	NS	NS	2,000	3,000	0.2	0.2	NS	0.2	400	400	100	3,000	250	200	6	1,300	NS	300	
WI Groundwater PAL:			0.5	140	160	NS	NS	400	600	0.02	0.02	NS	0.02	80	80	10	NS	50	40	1.2	130	150	60	
Tap Water RSL:			0.46	1.5	1,100	190	190	190	1,800	0.025	0.25	120	25	800	290	0.12	1,800	120	20,000	7.8	800	14,000	430	
040623014	MW01R	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.021 U	0.014 U	0.010 U	0.026 U	0.014 U	0.030 U	0.027 U	0.023 U	0.029 U	0.026 U	117 U	0.30 U	3.8 U	13,600	1,230	
040623024	MW03	4/6/2023	108	30.3	--	--	--	--	--	0.58 U	0.41 U	--	0.76 J	--	--	251	--	--	--	--	--	--	--	--
040623013	MW03R	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.057 J	0.082	0.12	0.094	0.12	0.028 U	0.023 U	0.088	0.10	0.10	117 U	1.0 J	6.9 J	116 U	2.4 U	
040523008	MW05	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.018 U	0.012 U	0.0087 U	0.022 U	0.012 U	0.025 U	0.022 U	0.074	0.024 U	0.022 U	117 U	0.30 U	3.8 U	116 U	519	
040523002	MW302	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.57	2.1	2.2	1.1	1.3	1.8	0.12	0.21	0.40	1.3	117 U	0.37 J	3.8 U	116 U	2.4 U	
040523006	MW303	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.032 J	0.014 U	0.0099 U	0.025 U	0.014 U	0.028 U	0.026 U	0.022 U	0.028 U	0.046 J	117 U	0.30 U	3.8 U	7,880	690	
040523004	MW304	4/5/2023	23.4	1.1	2.9	0.76 J	1.0 J	1.8 J	0.098 U	0.067 U	0.048 U	0.12 U	0.067 U	0.14 U	0.12 U	0.11 U	0.14 U	0.12 U	117 U	1.5 J	3.8 U	368 J	532	
040523001	MW305	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.021 U	0.014 U	0.010 U	0.026 U	0.014 U	0.030 U	0.027 U	0.023 J	0.029 U	0.026 U	117 U	0.30 U	3.8 U	138 J	2.4 U	
040623016	MW307R	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.048 J	0.014 J	0.032 J	0.030 J	0.062	0.16	0.33	0.21	0.077	0.13	117 U	0.30 U	3.8 U	28,700	453	
040523009/040523010 (N)	MW308	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.021 U	0.014 U	0.010 U	0.026 U	0.014 U	0.029 U	0.026 U	0.022 U	0.029 U	0.025 U	117 U	0.39 J	11.7 J	232 J	1,270	
040623017	MW310	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.070	0.20	0.30	0.22	0.27	0.60	0.45	0.032 J	0.23	0.42	117 U	0.30 U	3.8 U	4,960	535	
040623018/040623019 (N)	MW311	4/6/2023	223	184	23.6	86.2	35.5	121	6.4	1.3 U	0.92 U	2.4 U	1.3 U	4.0 J	32.7	1,070	32.8	3.3 J	117 U	0.30 U	3.8 U	44,600	1,130	
040623015	MW312	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.050 J	0.024 J	0.0096 U	0.025 U	0.013 U	0.059	0.12	0.028 J	0.065	0.051 J	117 U	0.30 U	3.8 U	23,100	945	
040523005	MW313	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.099 U	0.068 U	0.049 U	0.13 U	0.068 U	0.14 U	0.13 U	0.11 U	0.14 U	0.12 U	117 U	1.9 J	4.1 J	2,420	213	
040523007	MWFCOND	4/5/2023	491	46.2	--	--	--	--	--	3.4 J	7.7	3.4 J	13.4	25.9	18.1	496	23.4	19.6	--	--	--	--	--	
040623020	MWG2	4/6/2023	2,760	2,360	--	--	--	--	--	14.6 U	10.5 U	--	14.5 U	--	--	5,850	--	--	--	--	--	--	--	
040623021/040623022 (N)	MWJ1	4/6/2023	1,540	120	--	--	--	--	--	2.8 U	4.3 J	--	9.2 J	--	--	2,570	--	--	--	--	--	--	--	
040623023	MWTCONB	4/6/2023	0.30 U	0.33 U	--	--	--	--	--	0.036 J	0.067	--	0.062	--	--	0.67	--	--	--	--	--	--	--	
040523003	P302	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.021 U	0.014 U	0.010 U	0.027 U	0.014 U	0.030 U	0.027 U	0.023 U	0.029 U	0.026 U	117 U	0.30 U	3.8 U	530	215	
040623026	P303	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.11	0.15	0.17	0.051	0.19	0.48	0.043 J	0.018 U	0.34	0.33	--	--	--	--	--	
040623025	P304	4/6/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.084	0.033 J	0.069	0.027 U	0.11	0.11	0.027 U	0.31	0.053 J	0.092	--	--	--	--	--	
040523011	P305	4/5/2023	0.30 U	0.33 U	0.29 U	0.35 U	0.70 U	1.0 U	0.29	0.061 U	0.044 U	0.11 U	0.061 U	0.92	3.0	0.95	0.51	0.60	117 U	0.30 U	3.8 U	621	333	
Total Number of Samples Analyzed:			22	22	17	17	17	17	18	22	22	18	22	18	18	22	18	18	15	15	15	15	15	
Number of Detections:			6	6	2	2	2	2	10	9	9	6	10	10	8	14	10	11	0	5	3	12	12	
Min:			23.4	1.1	2.9	0.76	1	1.8	0.018	0.014	0.032	0.03	0.062	0.059	0.043	0.023	0.053	0.046	NA	0.37	4.1	138	213	
Max:			2,760	2,360	23.6	86.2	35.5	121	6.4	3.4	7.7	3.4	13.4	25.9	32.7	5,850	32.8	19.6	NA	1.9	11.7	44,600	1,270	
WI Groundwater SL:			5	700	800	NS	NS	2000	3,000	0.2	0.2	NS	0.2	400	400	100	3000	250	200	6	1300	NS	300	
Number of Samples that Exceed WI Groundwater SL:			6	1	0	0	0	0	0	2	4	0	5	0	0	5	0	0	0	0	0	0	10	
WI Groundwater PAL:			0.5	140	160	NS	NS	400	600	0.02	0.02	NS	0.02	80	80	10	NS	50	40	1.2	130	150	60	
Number of Samples that Exceed WI Groundwater PAL:			6	2	0	0	0	0	0	8	9	0	10	0	0	5	0	0	0	2	0	11	12	
Tap Water RSL:			0.46	1.5	1100	190	190	190	1,800	0.025	0.25	120	25	800	290	0.12	1800	120	20000	7.8	800	14000	430	
Number of Samples that Exceed Tap Water RSL:			6	5	0	0	0	0	0	7	4	0	0	0	0	10	0	0	0	0	0	3	9	

Analyte concentration attains or exceeds the standard/screening level for:

Bold	WI Groundwater SL
<u>Underline</u>	<u>WI Groundwater PAL</u>
<i>Italic</i>	<i>Tap Water RSL</i>
Pink Highlighting	result exceeds the WI Groundwater SL; results only exceeding the PAL and/or Tap Water criteria are not highlighted.
Yellow Highlighting	analyte exceedance in statistics for one or more samples

Results & Flags:

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

Acronyms:

- (N) = Normalized sample locations created from combining parent and field duplicate samples following EPA protocol
- µg/L = micrograms per liter
- µS/cm = microsiemens per centimeter (micromhos per centimeter or µmhos/cm)
- 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

Screening Levels and Standards:

PAL from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020. Results that attain or exceed the PAL are considered to be in exceedance. 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, nine revisions of the RSLs have been published by EPA through May 2022. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

Groundwater stabilization parameters / water-quality-indicator parameters were analyzed at time of sampling using an InSitu Aquatroll Multiparameter sonde. Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.

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

Monthly Progress Report - April 2023 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	Inorganic	Inorganic	Inorganic	Organic	Field	Field	Field	Field	Field	Field							
			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	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					
WI Groundwater SL:			100	50	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS					
WI Groundwater PAL:			20	10	6	2,500	NS	2,000	125,000	NS	NS	NS	NS	NS	NS	NS	NS	NS					
Tap Water RSL:			390	94	86	6,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS					
040623014	MW01R	4/6/2023	0.67	J	0.25	U	0.63	U	20.7	U	468,000	59	U	28,500	7,650	0.03	2.85	-166.4	6.39	980.3	4.45	0.41	
040623024	MW03	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
040623013	MW03R	4/6/2023	1.9	J	0.25	U	0.63	U	20.7	U	281,000	2,900	34,800	1.8	J	6.01	3.80	225.3	6.58	770.5	6.17	35.08	
040523008	MW05	4/5/2023	1.8	J	0.25	U	0.63	U	20.7	U	311,000	1,600	88,300	0.58	U	0.29	6.73	-21.3	7.27	2002.7	9.12	22.00	
040523002	MW302	4/5/2023	1.0	J	0.25	U	0.63	U	20.7	U	292,000	4,800	70,300	0.58	U	3.07	11.15	185.2	6.91	1767.6	6.94	3.78	
040523006	MW303	4/5/2023	1.2	J	0.25	U	0.83	J	20.7	U	437,000	59	U	49,900	1,420	0.00	3.36	-167.7	7.28	1504.2	8.43	91.05	
040523004	MW304	4/5/2023	1.6	J	0.25	U	1.2	J	20.7	U	370,000	160	J	38,500	28.3	3.46	5.07	-17.8	7.22	784.4	6.15	12.82	
040523001	MW305	4/5/2023	0.58	J	0.25	U	0.63	U	20.7	U	313,000	4,300	62,000	0.58	U	1.57	14.52	235.7	7.29	1676.6	8.70	0.00	
040623016	MW307R	4/6/2023	0.57	U	0.25	U	0.63	U	20.7	U	231,000	59	U	440	U	9,670	0.13	4.16	-174.3	6.95	1309.2	5.45	3.07
040523009/040523010 (N)	MW308	4/5/2023	12.2		0.27	J	0.63	U	204		856,000	1,100	420,000	49.9		2.80	4.57	5.6	7.02	13,274	8.44	6.91	
040623017	MW310	4/6/2023	0.86	J	0.25	U	0.78	J	20.7	U	331,000	59	U	81,100	265	0.20	4.87	-55.1	6.67	3406.9	6.80	45.16	
040623018/040623019 (N)	MW311	4/6/2023	0.63	J	0.25	U	1.1	J	20.7	U	800,000	59	U	104,000	2,660	0.00	4.74	-156.3	6.66	2911.6	6.21	1.27	
040623015	MW312	4/6/2023	0.69	J	0.25	U	0.63	U	20.7	U	735,000	59	U	23,200	16,700	0.07	2.72	-139.2	6.72	2108.8	3.10	17.57	
040523005	MW313	4/5/2023	2.8		0.25	U	0.70	J	20.7	U	205,000	4,100	98,000	1,670		0.26	3.30	-38.7	6.61	669.3	7.10	121.83	
040523007	MWFCOND	4/5/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.95	--	--	--	--	--	
040623020	MWG2	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.23	--	--	--	--	--	
040623021/040623022 (N)	MWJ1	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.80	--	--	--	--	--	
040623023	MWTCONB	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.27	--	--	--	--	--	
040523003	P302	4/5/2023	0.58	J	0.25	U	0.63	U	20.7	U	241,000	170	J	43,800	3.4	1.23	11.78	-30.1	7.12	967.2	9.85	5.67	
040623026	P303	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.95	--	--	--	--	--	
040623025	P304	4/6/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
040523011	P305	4/5/2023	17.7		0.25	U	0.63	U	27.5	J	413,000	160	J	15,300	678	2.06	6.16	-38.0	7.08	1750.9	10.14	0.00	
Total Number of Samples Analyzed:			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Number of Detections:			14	1	5	2	15	9	14	12	15	0	2.72	-174.3	6.39	669.3	3.1	0	0	0	0	0	
Min:			0.58	0.27	0.7	27.5	205,000	160	15,300	1.8	0	2.72	-174.3	6.39	669.3	3.1	0	0	0	0	0	0	
Max:			17.7	0.27	1.2	204	856,000	4,800	420,000	16,700	6.01	32.95	235.7	7.29	13,274	10.14	121.83						
WI Groundwater SL:			100	50	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Number of Samples that Exceed WI Groundwater SL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WI Groundwater PAL:			20	10	6	2500	NS	2000	125000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Number of Samples that Exceed WI Groundwater PAL:			0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tap Water RSL:			390	94	86	6000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Number of Samples that Exceed Tap Water RSL:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

[0:LDH 5/31/23]

Analyte concentration attains or exceeds the standard/screening level for:

Bold	WI Groundwater SL
<u>Underline</u>	<u>WI Groundwater PAL</u>
<i>Italic</i>	<i>Tap Water RSL</i>
Pink Highlighting	result exceeds the WI Groundwater SL; results only exceeding the PAL and/or Tap Water criteria are not highlighted.
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WI Groundwater SL
WI Groundwater PAL
Tap Water RSL
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(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 (micromhos per centimeter or µmhos/cm)
 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

Screening Levels and Standards:

PAL from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020. Results that attain or exceed the PAL are considered to be in exceedance. 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, nine revisions of the RSLs have been published by EPA through May 2022. The RSLs necessary for the MGP-related constituents evaluated in this table are up to date with the most recent revision.

Groundwater stabilization parameters / water-quality-indicator parameters were analyzed at time of sampling using an InSitu Aquatroll Multiparameter sonde. Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.

LAB REPORT

June 02, 2023

Scott Woods
Ramboll

RE: Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Dear Scott Woods:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: ERIC BAUER, Ramboll
Marcus Byker, Ramboll
NRT Data, Ramboll
Abigail Small, Ramboll



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

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: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40260403001	040523001	Water	04/05/23 13:09	04/06/23 17:00
40260403002	040523002	Water	04/05/23 13:49	04/06/23 17:00
40260403003	040523003	Water	04/05/23 14:37	04/06/23 17:00
40260403004	040523004	Water	04/05/23 15:23	04/06/23 17:00
40260403005	040523005	Water	04/05/23 16:16	04/06/23 17:00
40260403006	040523006	Water	04/05/23 17:02	04/06/23 17:00
40260403007	040523007	Water	04/05/23 17:35	04/06/23 17:00
40260403008	040523008	Water	04/05/23 18:00	04/06/23 17:00
40260403009	040523009	Water	04/05/23 18:46	04/06/23 17:00
40260403010	040523010	Water	04/05/23 18:51	04/06/23 17:00
40260403011	040523011	Water	04/05/23 19:36	04/06/23 17:00
40260403012	040523012	Water	04/05/23 19:50	04/06/23 17:00
40260403013	040623013	Water	04/06/23 07:47	04/06/23 17:00
40260403014	040623014	Water	04/06/23 08:30	04/06/23 17:00
40260403015	040623015	Water	04/06/23 09:05	04/06/23 17:00
40260403016	040623016	Water	04/06/23 09:44	04/06/23 17:00
40260403017	040623017	Water	04/06/23 10:16	04/06/23 17:00
40260403018	040623018	Water	04/06/23 10:55	04/06/23 17:00
40260403019	040623019	Water	04/06/23 11:00	04/06/23 17:00
40260403020	040623020	Water	04/06/23 11:54	04/06/23 17:00
40260403021	040623021	Water	04/06/23 12:25	04/06/23 17:00
40260403022	040623022	Water	04/06/23 12:30	04/06/23 17:00
40260403023	040623023	Water	04/06/23 13:01	04/06/23 17:00
40260403024	040623024	Water	04/06/23 13:27	04/06/23 17:00
40260403025	040623025	Water	04/06/23 13:45	04/06/23 17:00
40260403026	040623026	Water	04/06/23 14:10	04/06/23 17:00
40260403027	040623027	Water	04/06/23 14:30	04/06/23 17:00
40260403028	040623028	Water	04/06/23 00:00	04/06/23 17:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40260403001	040523001	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403002	040523002	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403003	040523003	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403004	040523004	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403005	040523005	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403006	040523006	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403007	040523007	EPA 8270E by SIM	TPO	11	PASI-G
		EPA 8260	EIB	5	PASI-G
40260403008	040523008	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403009	040523009	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403010	040523010	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403011	040523011	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403012	040523012	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: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40260403013	040623013	EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
40260403014	040623014	EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
40260403015	040623015	EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
40260403016	040623016	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40260403017	040623017	EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40260403018	040623018	EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
40260403019	040623019	EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	TXW	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	EIB	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
40260403020	040623020	EPA 353.2	DAW	1	PASI-G
		EPA 8270E by SIM	TPO	6	PASI-G
40260403021	040623021	EPA 8260	EIB	5	PASI-G
		EPA 8270E by SIM	TPO	6	PASI-G
40260403022	040623022	EPA 8260	CXJ	5	PASI-G
		EPA 8270E by SIM	TPO	6	PASI-G
40260403023	040623023	EPA 8260	CXJ	5	PASI-G
		EPA 8270E by SIM	TPO	6	PASI-G
40260403024	040623024	EPA 8260	CXJ	5	PASI-G
		EPA 8270E by SIM	TPO	6	PASI-G
40260403025	040623025	EPA 8260	CXJ	5	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
40260403026	040623026	EPA 8260	CXJ	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
40260403027	040623027	EPA 8260	CXJ	9	PASI-G
		EPA 8015B Modified	KHB	1	PASI-G
		EPA 6020B	KXS	9	PASI-G
		EPA 8270E by SIM	TPO	12	PASI-G
		EPA 8260	CXJ	9	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40260403028	040623028	EPA 353.2	DAW	1	PASI-G
		EPA 8260	CXJ	9	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Date: June 02, 2023

Revised - PM - revised report to update PAH list on -009 per error. SVM 5/26/2023

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 8015B Modified

Description: Methane, Ethane, Ethene GCV

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

19 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: 442163

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260238007

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

- MS (Lab ID: 2538573)
 - Methane
- MSD (Lab ID: 2538574)
 - Methane

QC Batch: 442251

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260403004

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

- MS (Lab ID: 2539144)
 - Methane
- MSD (Lab ID: 2539145)
 - Methane

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 6020B

Description: 6020B MET ICPMS, Dissolved

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

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: 441893

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

• 040523001 (Lab ID: 40260403001)

- Silver, Dissolved
- Aluminum, Dissolved
- Copper, Dissolved
- Iron, Dissolved
- Manganese, Dissolved
- Nickel, Dissolved
- Antimony, Dissolved
- Vanadium, Dissolved
- Zinc, Dissolved

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Method: EPA 6020B
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: June 02, 2023

Analyte Comments:

QC Batch: 441893

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

- 040523002 (Lab ID: 40260403002)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Manganese, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040523003 (Lab ID: 40260403003)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040523004 (Lab ID: 40260403004)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040523005 (Lab ID: 40260403005)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040523006 (Lab ID: 40260403006)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Method: EPA 6020B
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: June 02, 2023

Analyte Comments:

QC Batch: 441893

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

- 040523008 (Lab ID: 40260403008)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040523009 (Lab ID: 40260403009)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
- 040523010 (Lab ID: 40260403010)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
- 040523011 (Lab ID: 40260403011)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623013 (Lab ID: 40260403013)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Iron, Dissolved
 - Manganese, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623014 (Lab ID: 40260403014)
 - Silver, Dissolved
 - Aluminum, Dissolved

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Method: EPA 6020B
Description: 6020B MET ICPMS, Dissolved
Client: O'Brien & Gere Engineers, Inc Integrys WI
Date: June 02, 2023

Analyte Comments:

QC Batch: 441893

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

- 040623014 (Lab ID: 40260403014)
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623015 (Lab ID: 40260403015)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623016 (Lab ID: 40260403016)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623017 (Lab ID: 40260403017)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623018 (Lab ID: 40260403018)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved
- 040623019 (Lab ID: 40260403019)
 - Silver, Dissolved
 - Aluminum, Dissolved
 - Copper, Dissolved
 - Nickel, Dissolved

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 6020B

Description: 6020B MET ICPMS, Dissolved

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

Analyte Comments:

QC Batch: 441893

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

- 040623019 (Lab ID: 40260403019)
 - Antimony, Dissolved
 - Vanadium, Dissolved
 - Zinc, Dissolved

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 8270E by SIM

Description: 8270E MSSV PAH

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

27 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: 442200

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

- 040623019 (Lab ID: 40260403019)
 - 2-Fluorobiphenyl (S)
- 040623020 (Lab ID: 40260403020)
 - 2-Fluorobiphenyl (S)
- 040623021 (Lab ID: 40260403021)
 - 2-Fluorobiphenyl (S)

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: 442042

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

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 8270E by SIM

Description: 8270E MSSV PAH

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

QC Batch: 442200

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

Additional Comments:

Analyte Comments:

QC Batch: 441911

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

- 040523004 (Lab ID: 40260403004)
- Naphthalene

QC Batch: 442200

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

- 040523005 (Lab ID: 40260403005)
- Naphthalene

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 8260

Description: 8260 MSV UST

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

28 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.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- 040623025 (Lab ID: 40260403025)

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: 441916

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

- 040623018 (Lab ID: 40260403018)
 - Toluene-d8 (S)
- 040623019 (Lab ID: 40260403019)
 - Toluene-d8 (S)

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 300.0

Description: 300.0 IC Anions

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: 442679

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260403006,40260613007

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

- MSD (Lab ID: 2541458)
- Sulfate

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 310.2

Description: 310.2 Alkalinity

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

19 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: 442217

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260403004,40260522002

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

- MS (Lab ID: 2538849)
 - Alkalinity, Total as CaCO₃
- MSD (Lab ID: 2538850)
 - Alkalinity, Total as CaCO₃

Additional Comments:

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PROJECT NARRATIVE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Method: EPA 353.2

Description: 353.2 Nitrogen, NO₂/NO₃ pres.

Client: O'Brien & Gere Engineers, Inc Integrys WI

Date: June 02, 2023

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: 442159

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40260403004,40260403019

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

- MS (Lab ID: 2538564)
 - Nitrogen, NO₂ plus NO₃
- MSD (Lab ID: 2538565)
 - Nitrogen, NO₂ plus NO₃

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
 Pace Project No.: 40260403

Sample: 040523001 **Lab ID: 40260403001** Collected: 04/05/23 13:09 Received: 04/06/23 17:00 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		04/12/23 11:31	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	04/10/23 05:36	04/14/23 18:44	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 18:44	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 18:44	7440-50-8	D3
Iron, Dissolved	138J	ug/L	500	116	2	04/10/23 05:36	04/14/23 18:44	7439-89-6	D3
Manganese, Dissolved	<2.4	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 18:44	7439-96-5	D3
Nickel, Dissolved	0.58J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 18:44	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 18:44	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 18:44	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 18:44	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.057	0.021	1	04/10/23 08:47	04/11/23 19:22	120-12-7	
Benzo(a)pyrene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 19:22	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.057	0.010	1	04/10/23 08:47	04/11/23 19:22	205-99-2	
Benzo(g,h,i)perylene	<0.026	ug/L	0.057	0.026	1	04/10/23 08:47	04/11/23 19:22	191-24-2	
Chrysene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 19:22	218-01-9	
Fluoranthene	<0.030	ug/L	0.057	0.030	1	04/10/23 08:47	04/11/23 19:22	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 19:22	86-73-7	
Naphthalene	0.023J	ug/L	0.057	0.023	1	04/10/23 08:47	04/11/23 19:22	91-20-3	
Phenanthrene	<0.029	ug/L	0.057	0.029	1	04/10/23 08:47	04/11/23 19:22	85-01-8	
Pyrene	<0.026	ug/L	0.057	0.026	1	04/10/23 08:47	04/11/23 19:22	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	44-120		1	04/10/23 08:47	04/11/23 19:22	321-60-8	
Terphenyl-d14 (S)	97	%	49-120		1	04/10/23 08:47	04/11/23 19:22	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		04/10/23 12:11	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 12:11	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 12:11	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 12:11	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 12:11	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 12:11	95-47-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		04/10/23 12:11	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		04/10/23 12:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		04/10/23 12:11	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523001 **Lab ID: 40260403001** Collected: 04/05/23 13:09 Received: 04/06/23 17:00 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	62.0	mg/L	20.0	4.4	10		04/20/23 14:57	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	313	mg/L	25.0	7.4	1		04/13/23 11:57		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	4.3	mg/L	0.25	0.059	1		04/12/23 11:38		

Sample: 040523002 **Lab ID: 40260403002** Collected: 04/05/23 13:49 Received: 04/06/23 17:00 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		04/12/23 11:38	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	04/10/23 05:36	04/14/23 18:57	7429-90-5	D3
Antimony, Dissolved	0.37J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 18:57	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 18:57	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	04/10/23 05:36	04/14/23 18:57	7439-89-6	D3
Manganese, Dissolved	<2.4	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 18:57	7439-96-5	D3
Nickel, Dissolved	1.0J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 18:57	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 18:57	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 18:57	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 18:57	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.57	ug/L	0.056	0.021	1	04/10/23 08:47	04/11/23 19:42	120-12-7	
Benzo(a)pyrene	2.1	ug/L	0.056	0.014	1	04/10/23 08:47	04/11/23 19:42	50-32-8	
Benzo(b)fluoranthene	2.2	ug/L	0.056	0.010	1	04/10/23 08:47	04/11/23 19:42	205-99-2	
Benzo(g,h,i)perylene	1.1	ug/L	0.056	0.026	1	04/10/23 08:47	04/11/23 19:42	191-24-2	
Chrysene	1.3	ug/L	0.056	0.014	1	04/10/23 08:47	04/11/23 19:42	218-01-9	
Fluoranthene	1.8	ug/L	0.056	0.029	1	04/10/23 08:47	04/11/23 19:42	206-44-0	
Fluorene	0.12	ug/L	0.056	0.027	1	04/10/23 08:47	04/11/23 19:42	86-73-7	
Naphthalene	0.21	ug/L	0.056	0.022	1	04/10/23 08:47	04/11/23 19:42	91-20-3	
Phenanthrene	0.40	ug/L	0.056	0.029	1	04/10/23 08:47	04/11/23 19:42	85-01-8	
Pyrene	1.3	ug/L	0.056	0.026	1	04/10/23 08:47	04/11/23 19:42	129-00-0	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523002 **Lab ID: 40260403002** Collected: 04/05/23 13:49 Received: 04/06/23 17:00 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									
Surrogates									
2-Fluorobiphenyl (S)	74	%	44-120		1	04/10/23 08:47	04/11/23 19:42	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	04/10/23 08:47	04/11/23 19:42	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 12:28	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 12:28	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 12:28	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 12:28	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 12:28	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 12:28	95-47-6	
Surrogates									
Toluene-d8 (S)	108	%	70-130		1		04/10/23 12:28	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		04/10/23 12:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		04/10/23 12:28	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	70.3	mg/L	20.0	4.4	10		04/20/23 15:12	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		04/13/23 11:58		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	4.8	mg/L	0.25	0.059	1		04/12/23 11:38		

Sample: 040523003 **Lab ID: 40260403003** Collected: 04/05/23 14:37 Received: 04/06/23 17:00 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	3.4	ug/L	2.8	0.58	1		04/12/23 11:45	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	04/10/23 05:36	04/14/23 19:17	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:17	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:17	7440-50-8	D3
Iron, Dissolved	530	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:17	7439-89-6	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523003 **Lab ID: 40260403003** Collected: 04/05/23 14:37 Received: 04/06/23 17:00 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									
Manganese, Dissolved	215	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:17	7439-96-5	
Nickel, Dissolved	0.58J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:17	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:17	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:17	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:17	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.057	0.021	1	04/10/23 08:47	04/11/23 20:02	120-12-7	
Benzo(a)pyrene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 20:02	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.057	0.010	1	04/10/23 08:47	04/11/23 20:02	205-99-2	
Benzo(g,h,i)perylene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 20:02	191-24-2	
Chrysene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 20:02	218-01-9	
Fluoranthene	<0.030	ug/L	0.057	0.030	1	04/10/23 08:47	04/11/23 20:02	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 20:02	86-73-7	
Naphthalene	<0.023	ug/L	0.057	0.023	1	04/10/23 08:47	04/11/23 20:02	91-20-3	
Phenanthrene	<0.029	ug/L	0.057	0.029	1	04/10/23 08:47	04/11/23 20:02	85-01-8	
Pyrene	<0.026	ug/L	0.057	0.026	1	04/10/23 08:47	04/11/23 20:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	44-120		1	04/10/23 08:47	04/11/23 20:02	321-60-8	
Terphenyl-d14 (S)	92	%	49-120		1	04/10/23 08:47	04/11/23 20:02	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		04/10/23 12:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 12:45	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 12:45	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 12:45	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 12:45	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 12:45	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 12:45	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		04/10/23 12:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/10/23 12:45	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	43.8	mg/L	2.0	0.44	1		04/18/23 21:24	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	241	mg/L	25.0	7.4	1		04/13/23 11:59		

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523003 **Lab ID: 40260403003** Collected: 04/05/23 14:37 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.17J	mg/L	0.25	0.059	1		04/12/23 11:39		

Sample: 040523004 **Lab ID: 40260403004** Collected: 04/05/23 15:23 Received: 04/06/23 17:00 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	28.3	ug/L	2.8	0.58	1		04/13/23 09:14	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	04/10/23 05:36	04/14/23 18:17	7429-90-5	D3
Antimony, Dissolved	1.5J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 18:17	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 18:17	7440-50-8	D3
Iron, Dissolved	368J	ug/L	500	116	2	04/10/23 05:36	04/14/23 18:17	7439-89-6	D3
Manganese, Dissolved	532	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 18:17	7439-96-5	
Nickel, Dissolved	1.6J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 18:17	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 18:17	7440-22-4	D3
Vanadium, Dissolved	1.2J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 18:17	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 18:17	7440-66-6	D3

8270E MSSV PAH Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510
Pace Analytical Services - Green Bay

Anthracene	<0.098	ug/L	0.27	0.098	5	04/10/23 08:47	04/11/23 17:04	120-12-7	
Benzo(a)pyrene	<0.067	ug/L	0.27	0.067	5	04/10/23 08:47	04/11/23 17:04	50-32-8	
Benzo(b)fluoranthene	<0.048	ug/L	0.27	0.048	5	04/10/23 08:47	04/11/23 17:04	205-99-2	
Benzo(g,h,i)perylene	<0.12	ug/L	0.27	0.12	5	04/10/23 08:47	04/11/23 17:04	191-24-2	
Chrysene	<0.067	ug/L	0.27	0.067	5	04/10/23 08:47	04/11/23 17:04	218-01-9	
Fluoranthene	<0.14	ug/L	0.27	0.14	5	04/10/23 08:47	04/11/23 17:04	206-44-0	
Fluorene	<0.12	ug/L	0.27	0.12	5	04/10/23 08:47	04/11/23 17:04	86-73-7	
Naphthalene	<0.11	ug/L	0.27	0.11	5	04/10/23 08:47	04/11/23 17:04	91-20-3	D3
Phenanthrene	<0.14	ug/L	0.27	0.14	5	04/10/23 08:47	04/11/23 17:04	85-01-8	
Pyrene	<0.12	ug/L	0.27	0.12	5	04/10/23 08:47	04/11/23 17:04	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	44-120		5	04/10/23 08:47	04/11/23 17:04	321-60-8	
Terphenyl-d14 (S)	77	%	49-120		5	04/10/23 08:47	04/11/23 17:04	1718-51-0	

8260 MSV UST Analytical Method: EPA 8260
Pace Analytical Services - Green Bay

Benzene	23.4	ug/L	1.0	0.30	1		04/10/23 11:53	71-43-2	
Ethylbenzene	1.1	ug/L	1.0	0.33	1		04/10/23 11:53	100-41-4	
Toluene	2.9	ug/L	1.0	0.29	1		04/10/23 11:53	108-88-3	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523004 **Lab ID: 40260403004** Collected: 04/05/23 15:23 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Xylene (Total)	1.8J	ug/L	3.0	1.0	1		04/10/23 11:53	1330-20-7	
m&p-Xylene	1.0J	ug/L	2.0	0.70	1		04/10/23 11:53	179601-23-1	
o-Xylene	0.76J	ug/L	1.0	0.35	1		04/10/23 11:53	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 11:53	2037-26-5	
4-Bromofluorobenzene (S)	114	%	70-130		1		04/10/23 11:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 11:53	2199-69-1	

300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	38.5	mg/L	2.0	0.44	1		04/18/23 21:39	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	370	mg/L	125	37.2	5		04/13/23 12:51		M0
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.16J	mg/L	0.25	0.059	1		04/12/23 11:40		

Sample: 040523005 **Lab ID: 40260403005** Collected: 04/05/23 16:16 Received: 04/06/23 17:00 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	1670	ug/L	28.0	5.8	10		04/12/23 14:24	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	04/10/23 05:36	04/14/23 19:24	7429-90-5	D3
Antimony, Dissolved	1.9J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:24	7440-36-0	D3
Copper, Dissolved	4.1J	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:24	7440-50-8	D3
Iron, Dissolved	2420	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:24	7439-89-6	
Manganese, Dissolved	213	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:24	7439-96-5	
Nickel, Dissolved	2.8	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:24	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:24	7440-22-4	D3
Vanadium, Dissolved	0.70J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:24	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:24	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.099	ug/L	0.27	0.099	5	04/12/23 12:50	04/13/23 21:19	120-12-7	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523005 **Lab ID: 40260403005** Collected: 04/05/23 16:16 Received: 04/06/23 17:00 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	<0.068	ug/L	0.27	0.068	5	04/12/23 12:50	04/13/23 21:19	50-32-8	
Benzo(b)fluoranthene	<0.049	ug/L	0.27	0.049	5	04/12/23 12:50	04/13/23 21:19	205-99-2	
Benzo(g,h,i)perylene	<0.13	ug/L	0.27	0.13	5	04/12/23 12:50	04/13/23 21:19	191-24-2	
Chrysene	<0.068	ug/L	0.27	0.068	5	04/12/23 12:50	04/13/23 21:19	218-01-9	
Fluoranthene	<0.14	ug/L	0.27	0.14	5	04/12/23 12:50	04/13/23 21:19	206-44-0	
Fluorene	<0.13	ug/L	0.27	0.13	5	04/12/23 12:50	04/13/23 21:19	86-73-7	
Naphthalene	<0.11	ug/L	0.27	0.11	5	04/12/23 12:50	04/13/23 21:19	91-20-3	D3
Phenanthrene	<0.14	ug/L	0.27	0.14	5	04/12/23 12:50	04/13/23 21:19	85-01-8	
Pyrene	<0.12	ug/L	0.27	0.12	5	04/12/23 12:50	04/13/23 21:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	44-120		5	04/12/23 12:50	04/13/23 21:19	321-60-8	
Terphenyl-d14 (S)	77	%	49-120		5	04/12/23 12:50	04/13/23 21:19	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 13:02	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 13:02	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 13:02	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 13:02	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 13:02	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 13:02	95-47-6	
Surrogates									
Toluene-d8 (S)	108	%	70-130		1		04/10/23 13:02	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		04/10/23 13:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 13:02	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	98.0	mg/L	20.0	4.4	10		04/20/23 15:27	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	205	mg/L	50.0	14.9	2		04/13/23 12:06		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	4.1	mg/L	0.25	0.059	1		04/12/23 11:44		

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Project No.: 40260403

Sample: 040523006 **Lab ID: 40260403006** Collected: 04/05/23 17:02 Received: 04/06/23 17:00 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	1420	ug/L	28.0	5.8	10		04/12/23 14:30	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	04/10/23 05:36	04/14/23 19:31	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:31	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:31	7440-50-8	D3
Iron, Dissolved	7880	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:31	7439-89-6	
Manganese, Dissolved	690	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:31	7439-96-5	
Nickel, Dissolved	1.2J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:31	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:31	7440-22-4	D3
Vanadium, Dissolved	0.83J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:31	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:31	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.032J	ug/L	0.054	0.020	1	04/10/23 08:47	04/11/23 20:43	120-12-7	
Benzo(a)pyrene	<0.014	ug/L	0.054	0.014	1	04/10/23 08:47	04/11/23 20:43	50-32-8	
Benzo(b)fluoranthene	<0.0099	ug/L	0.054	0.0099	1	04/10/23 08:47	04/11/23 20:43	205-99-2	
Benzo(g,h,i)perylene	<0.025	ug/L	0.054	0.025	1	04/10/23 08:47	04/11/23 20:43	191-24-2	
Chrysene	<0.014	ug/L	0.054	0.014	1	04/10/23 08:47	04/11/23 20:43	218-01-9	
Fluoranthene	<0.028	ug/L	0.054	0.028	1	04/10/23 08:47	04/11/23 20:43	206-44-0	
Fluorene	<0.026	ug/L	0.054	0.026	1	04/10/23 08:47	04/11/23 20:43	86-73-7	
Naphthalene	<0.022	ug/L	0.054	0.022	1	04/10/23 08:47	04/11/23 20:43	91-20-3	
Phenanthrene	<0.028	ug/L	0.054	0.028	1	04/10/23 08:47	04/11/23 20:43	85-01-8	
Pyrene	0.046J	ug/L	0.054	0.025	1	04/10/23 08:47	04/11/23 20:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	04/10/23 08:47	04/11/23 20:43	321-60-8	
Terphenyl-d14 (S)	99	%	49-120		1	04/10/23 08:47	04/11/23 20:43	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 13:19	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 13:19	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 13:19	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 13:19	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 13:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 13:19	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 13:19	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		04/10/23 13:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/10/23 13:19	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523006 **Lab ID: 40260403006** Collected: 04/05/23 17:02 Received: 04/06/23 17:00 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	49.9	mg/L	20.0	4.4	10		04/21/23 11:57	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	437	mg/L	50.0	14.9	2		04/13/23 12:07		
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		04/12/23 11:44		

Sample: 040523007 **Lab ID: 40260403007** Collected: 04/05/23 17:35 Received: 04/06/23 17:00 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	3.4J	ug/L	4.2	1.1	80	04/10/23 08:47	04/11/23 21:03	50-32-8	
Benzo(b)fluoranthene	7.7	ug/L	4.2	0.76	80	04/10/23 08:47	04/11/23 21:03	205-99-2	
Benzo(g,h,i)perylene	3.4J	ug/L	4.2	2.0	80	04/10/23 08:47	04/11/23 21:03	191-24-2	
Chrysene	13.4	ug/L	4.2	1.1	80	04/10/23 08:47	04/11/23 21:03	218-01-9	
Fluoranthene	25.9	ug/L	4.2	2.2	80	04/10/23 08:47	04/11/23 21:03	206-44-0	
Fluorene	18.1	ug/L	4.2	2.0	80	04/10/23 08:47	04/11/23 21:03	86-73-7	
Naphthalene	496	ug/L	4.2	1.7	80	04/10/23 08:47	04/11/23 21:03	91-20-3	
Phenanthrene	23.4	ug/L	4.2	2.1	80	04/10/23 08:47	04/11/23 21:03	85-01-8	
Pyrene	19.6	ug/L	4.2	1.9	80	04/10/23 08:47	04/11/23 21:03	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	44-120		80	04/10/23 08:47	04/11/23 21:03	321-60-8	
Terphenyl-d14 (S)	75	%	49-120		80	04/10/23 08:47	04/11/23 21:03	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	491	ug/L	10.0	3.0	10		04/10/23 16:28	71-43-2	
Ethylbenzene	46.2	ug/L	10.0	3.3	10		04/10/23 16:28	100-41-4	
Surrogates									
Toluene-d8 (S)	111	%	70-130		10		04/10/23 16:28	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		10		04/10/23 16:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		04/10/23 16:28	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Sample Project No.: 40260403

Sample: 040523008 **Lab ID: 40260403008** Collected: 04/05/23 18:00 Received: 04/06/23 17:00 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		04/13/23 09:21	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	04/10/23 05:36	04/14/23 19:38	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:38	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:38	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:38	7439-89-6	D3
Manganese, Dissolved	519	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:38	7439-96-5	
Nickel, Dissolved	1.8J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:38	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:38	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:38	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:38	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.018	ug/L	0.048	0.018	1	04/10/23 08:47	04/12/23 17:12	120-12-7	
Benzo(a)pyrene	<0.012	ug/L	0.048	0.012	1	04/10/23 08:47	04/12/23 17:12	50-32-8	
Benzo(b)fluoranthene	<0.0087	ug/L	0.048	0.0087	1	04/10/23 08:47	04/12/23 17:12	205-99-2	
Benzo(g,h,i)perylene	<0.022	ug/L	0.048	0.022	1	04/10/23 08:47	04/12/23 17:12	191-24-2	
Chrysene	<0.012	ug/L	0.048	0.012	1	04/10/23 08:47	04/12/23 17:12	218-01-9	
Fluoranthene	<0.025	ug/L	0.048	0.025	1	04/10/23 08:47	04/12/23 17:12	206-44-0	
Fluorene	<0.022	ug/L	0.048	0.022	1	04/10/23 08:47	04/12/23 17:12	86-73-7	
Naphthalene	0.074	ug/L	0.048	0.019	1	04/10/23 08:47	04/12/23 17:12	91-20-3	
Phenanthrene	<0.024	ug/L	0.048	0.024	1	04/10/23 08:47	04/12/23 17:12	85-01-8	
Pyrene	<0.022	ug/L	0.048	0.022	1	04/10/23 08:47	04/12/23 17:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	82	%	44-120		1	04/10/23 08:47	04/12/23 17:12	321-60-8	
Terphenyl-d14 (S)	96	%	49-120		1	04/10/23 08:47	04/12/23 17:12	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		04/10/23 13:36	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 13:36	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 13:36	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 13:36	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 13:36	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 13:36	95-47-6	
Surrogates									
Toluene-d8 (S)	112	%	70-130		1		04/10/23 13:36	2037-26-5	
4-Bromofluorobenzene (S)	114	%	70-130		1		04/10/23 13:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/10/23 13:36	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523008 **Lab ID: 40260403008** Collected: 04/05/23 18:00 Received: 04/06/23 17:00 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	88.3	mg/L	10.0	2.2	5		04/21/23 12:35	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	311	mg/L	25.0	7.4	1		04/13/23 12:08		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	0.059	1		04/12/23 11:45		

Sample: 040523009 **Lab ID: 40260403009** Collected: 04/05/23 18:46 Received: 04/06/23 17:00 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	29.2	ug/L	2.8	0.58	1		04/13/23 09:28	74-82-8	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<0.117	ug/L	500	117	2	04/10/23 05:36	04/14/23 19:44	7429-90-5	D3
Antimony, Dissolved	0.37J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:44	7440-36-0	D3
Copper, Dissolved	10.2J	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:44	7440-50-8	D3
Iron, Dissolved	232J	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:44	7439-89-6	D3
Manganese, Dissolved	1200	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:44	7439-96-5	
Nickel, Dissolved	11.9	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:44	7440-02-0	
Silver, Dissolved	0.27J	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:44	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:44	7440-62-2	D3
Zinc, Dissolved	197	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:44	7440-66-6	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.056	0.021	1	04/10/23 08:47	04/11/23 21:43	120-12-7	
Benzo(a)pyrene	<0.014	ug/L	0.056	0.014	1	04/10/23 08:47	04/11/23 21:43	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.056	0.010	1	04/10/23 08:47	04/11/23 21:43	205-99-2	
Benzo(g,h,i)perylene	<0.026	ug/L	0.056	0.026	1	04/10/23 08:47	04/11/23 21:43	191-24-2	
Chrysene	<0.014	ug/L	0.056	0.014	1	04/10/23 08:47	04/11/23 21:43	218-01-9	
Fluoranthene	<0.029	ug/L	0.056	0.029	1	04/10/23 08:47	04/11/23 21:43	206-44-0	
Fluorene	<0.026	ug/L	0.056	0.026	1	04/10/23 08:47	04/11/23 21:43	86-73-7	
Naphthalene	<0.022	ug/L	0.056	0.022	1	04/10/23 08:47	04/11/23 21:43	91-20-3	
Phenanthrene	<0.029	ug/L	0.056	0.029	1	04/10/23 08:47	04/11/23 21:43	85-01-8	
Pyrene	<0.025	ug/L	0.056	0.025	1	04/10/23 08:47	04/11/23 21:43	129-00-0	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Sample: 040523009 **Lab ID: 40260403009** Collected: 04/05/23 18:46 Received: 04/06/23 17:00 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									
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	04/10/23 08:47	04/11/23 21:43	321-60-8	
Terphenyl-d14 (S)	95	%	49-120		1	04/10/23 08:47	04/11/23 21:43	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		04/10/23 13:53	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 13:53	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 13:53	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 13:53	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 13:53	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 13:53	95-47-6	
Surrogates									
Toluene-d8 (S)	110	%	70-130		1		04/10/23 13:53	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		04/10/23 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		04/10/23 13:53	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	394	mg/L	40.0	8.9	20		04/21/23 12:48	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	856	mg/L	125	37.2	5		04/13/23 12:54		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		04/12/23 11:45		

Sample: 040523010 **Lab ID: 40260403010** Collected: 04/05/23 18:51 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	49.9	ug/L	2.8	0.58	1		04/13/23 09:35	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	04/10/23 05:36	04/14/23 19:51	7429-90-5	D3
Antimony, Dissolved	0.39J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:51	7440-36-0	D3
Copper, Dissolved	11.7J	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:51	7440-50-8	D3
Iron, Dissolved	220J	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:51	7439-89-6	D3

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523010 **Lab ID: 40260403010** Collected: 04/05/23 18:51 Received: 04/06/23 17:00 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									
Manganese, Dissolved	1270	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:51	7439-96-5	
Nickel, Dissolved	12.2	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:51	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:51	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:51	7440-62-2	D3
Zinc, Dissolved	204	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:51	7440-66-6	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.057	0.021	1	04/10/23 08:47	04/11/23 22:03	120-12-7	
Benzo(a)pyrene	<0.015	ug/L	0.057	0.015	1	04/10/23 08:47	04/11/23 22:03	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.057	0.010	1	04/10/23 08:47	04/11/23 22:03	205-99-2	
Benzo(g,h,i)perylene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 22:03	191-24-2	
Chrysene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 22:03	218-01-9	
Fluoranthene	<0.030	ug/L	0.057	0.030	1	04/10/23 08:47	04/11/23 22:03	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 22:03	86-73-7	
Naphthalene	<0.023	ug/L	0.057	0.023	1	04/10/23 08:47	04/11/23 22:03	91-20-3	
Phenanthrene	<0.029	ug/L	0.057	0.029	1	04/10/23 08:47	04/11/23 22:03	85-01-8	
Pyrene	<0.026	ug/L	0.057	0.026	1	04/10/23 08:47	04/11/23 22:03	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	85	%	44-120		1	04/10/23 08:47	04/11/23 22:03	321-60-8	
Terphenyl-d14 (S)	100	%	49-120		1	04/10/23 08:47	04/11/23 22:03	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		04/10/23 14:10	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 14:10	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 14:10	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 14:10	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 14:10	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 14:10	95-47-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		04/10/23 14:10	2037-26-5	
4-Bromofluorobenzene (S)	114	%	70-130		1		04/10/23 14:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 14:10	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	420	mg/L	40.0	8.9	20		04/21/23 13:01	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	829	mg/L	125	37.2	5		04/13/23 12:55		

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523010 **Lab ID: 40260403010** Collected: 04/05/23 18:51 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	1.1	mg/L	0.25	0.059	1		04/12/23 11:46		

Sample: 040523011 **Lab ID: 40260403011** Collected: 04/05/23 19:36 Received: 04/06/23 17:00 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	678	ug/L	11.2	2.3	4		04/13/23 11:45	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	04/10/23 05:36	04/14/23 19:58	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 19:58	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 19:58	7440-50-8	D3
Iron, Dissolved	621	ug/L	500	116	2	04/10/23 05:36	04/14/23 19:58	7439-89-6	
Manganese, Dissolved	333	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 19:58	7439-96-5	
Nickel, Dissolved	17.7	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 19:58	7440-02-0	
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 19:58	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 19:58	7440-62-2	D3
Zinc, Dissolved	27.5J	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 19:58	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.29	ug/L	0.24	0.089	5	04/10/23 08:47	04/11/23 22:22	120-12-7	
Benzo(a)pyrene	<0.061	ug/L	0.24	0.061	5	04/10/23 08:47	04/11/23 22:22	50-32-8	
Benzo(b)fluoranthene	<0.044	ug/L	0.24	0.044	5	04/10/23 08:47	04/11/23 22:22	205-99-2	
Benzo(g,h,i)perylene	<0.11	ug/L	0.24	0.11	5	04/10/23 08:47	04/11/23 22:22	191-24-2	
Chrysene	<0.061	ug/L	0.24	0.061	5	04/10/23 08:47	04/11/23 22:22	218-01-9	
Fluoranthene	0.92	ug/L	0.24	0.13	5	04/10/23 08:47	04/11/23 22:22	206-44-0	
Fluorene	3.0	ug/L	0.24	0.11	5	04/10/23 08:47	04/11/23 22:22	86-73-7	
Naphthalene	0.95	ug/L	0.24	0.096	5	04/10/23 08:47	04/11/23 22:22	91-20-3	
Phenanthrene	0.51	ug/L	0.24	0.12	5	04/10/23 08:47	04/11/23 22:22	85-01-8	
Pyrene	0.60	ug/L	0.24	0.11	5	04/10/23 08:47	04/11/23 22:22	129-00-0	B
Surrogates									
2-Fluorobiphenyl (S)	72	%	44-120		5	04/10/23 08:47	04/11/23 22:22	321-60-8	
Terphenyl-d14 (S)	81	%	49-120		5	04/10/23 08:47	04/11/23 22:22	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		04/10/23 14:28	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 14:28	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 14:28	108-88-3	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523011 **Lab ID: 40260403011** Collected: 04/05/23 19:36 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 14:28	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 14:28	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 14:28	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 14:28	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		04/10/23 14:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 14:28	2199-69-1	

300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	15.3	mg/L	2.0	0.44	1		04/20/23 18:24	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		04/13/23 12:11		

353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.16J	mg/L	0.25	0.059	1		04/12/23 11:47		

Sample: 040523012 **Lab ID: 40260403012** Collected: 04/05/23 19:50 Received: 04/06/23 17:00 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		04/13/23 09:49	74-82-8	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<58.7	ug/L	250	58.7	1	04/10/23 05:36	04/18/23 14:46	7429-90-5	
Antimony, Dissolved	<0.15	ug/L	1.0	0.15	1	04/10/23 05:36	04/18/23 14:46	7440-36-0	
Copper, Dissolved	<1.9	ug/L	6.4	1.9	1	04/10/23 05:36	04/18/23 14:46	7440-50-8	
Iron, Dissolved	<58.0	ug/L	250	58.0	1	04/10/23 05:36	04/18/23 14:46	7439-89-6	
Manganese, Dissolved	<1.2	ug/L	4.0	1.2	1	04/10/23 05:36	04/18/23 14:46	7439-96-5	
Nickel, Dissolved	<0.28	ug/L	1.0	0.28	1	04/10/23 05:36	04/18/23 14:46	7440-02-0	
Silver, Dissolved	<0.13	ug/L	0.50	0.13	1	04/10/23 05:36	04/18/23 14:46	7440-22-4	
Vanadium, Dissolved	<0.32	ug/L	1.0	0.32	1	04/10/23 05:36	04/18/23 14:46	7440-62-2	
Zinc, Dissolved	<10.3	ug/L	34.4	10.3	1	04/10/23 05:36	04/18/23 14:46	7440-66-6	

8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.057	0.021	1	04/10/23 08:47	04/11/23 22:42	120-12-7	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040523012 **Lab ID: 40260403012** Collected: 04/05/23 19:50 Received: 04/06/23 17:00 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	<0.015	ug/L	0.057	0.015	1	04/10/23 08:47	04/11/23 22:42	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.057	0.010	1	04/10/23 08:47	04/11/23 22:42	205-99-2	
Benzo(g,h,i)perylene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 22:42	191-24-2	
Chrysene	<0.014	ug/L	0.057	0.014	1	04/10/23 08:47	04/11/23 22:42	218-01-9	
Fluoranthene	<0.030	ug/L	0.057	0.030	1	04/10/23 08:47	04/11/23 22:42	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/10/23 08:47	04/11/23 22:42	86-73-7	
Naphthalene	<0.023	ug/L	0.057	0.023	1	04/10/23 08:47	04/11/23 22:42	91-20-3	
Phenanthrene	<0.029	ug/L	0.057	0.029	1	04/10/23 08:47	04/11/23 22:42	85-01-8	
Pyrene	<0.026	ug/L	0.057	0.026	1	04/10/23 08:47	04/11/23 22:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	44-120		1	04/10/23 08:47	04/11/23 22:42	321-60-8	
Terphenyl-d14 (S)	88	%	49-120		1	04/10/23 08:47	04/11/23 22:42	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 14:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 14:45	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 14:45	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 14:45	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 14:45	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 14:45	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 14:45	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		04/10/23 14:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 14:45	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	<0.44	mg/L	2.0	0.44	1		04/20/23 14:07	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<7.4	mg/L	25.0	7.4	1		04/13/23 12:12		
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		04/12/23 11:47		

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623013 **Lab ID: 40260403013** Collected: 04/06/23 07:47 Received: 04/06/23 17:00 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	1.8J	ug/L	2.8	0.58	1		04/13/23 09:56	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	04/10/23 05:36	04/14/23 20:11	7429-90-5	D3
Antimony, Dissolved	1.0J	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:11	7440-36-0	D3
Copper, Dissolved	6.9J	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:11	7440-50-8	D3
Iron, Dissolved	<116	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:11	7439-89-6	D3
Manganese, Dissolved	<2.4	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:11	7439-96-5	D3
Nickel, Dissolved	1.9J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:11	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:11	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:11	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:11	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.057J	ug/L	0.059	0.022	1	04/11/23 09:00	04/13/23 14:08	120-12-7	
Benzo(a)pyrene	0.082	ug/L	0.059	0.015	1	04/11/23 09:00	04/13/23 14:08	50-32-8	
Benzo(b)fluoranthene	0.12	ug/L	0.059	0.011	1	04/11/23 09:00	04/13/23 14:08	205-99-2	
Benzo(g,h,i)perylene	0.12	ug/L	0.059	0.027	1	04/11/23 09:00	04/13/23 14:08	191-24-2	
Chrysene	0.094	ug/L	0.059	0.015	1	04/11/23 09:00	04/13/23 14:08	218-01-9	
Fluoranthene	0.12	ug/L	0.059	0.031	1	04/11/23 09:00	04/13/23 14:08	206-44-0	
Fluorene	<0.028	ug/L	0.059	0.028	1	04/11/23 09:00	04/13/23 14:08	86-73-7	
Naphthalene	<0.023	ug/L	0.059	0.023	1	04/11/23 09:00	04/13/23 14:08	91-20-3	
Phenanthrene	0.088	ug/L	0.059	0.030	1	04/11/23 09:00	04/13/23 14:08	85-01-8	
Pyrene	0.10	ug/L	0.059	0.027	1	04/11/23 09:00	04/13/23 14:08	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	77	%	44-120		1	04/11/23 09:00	04/13/23 14:08	321-60-8	
Terphenyl-d14 (S)	86	%	49-120		1	04/11/23 09:00	04/13/23 14:08	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		04/10/23 15:02	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 15:02	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 15:02	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 15:02	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 15:02	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 15:02	95-47-6	
Surrogates									
Toluene-d8 (S)	111	%	70-130		1		04/10/23 15:02	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-130		1		04/10/23 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/10/23 15:02	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623013 **Lab ID: 40260403013** Collected: 04/06/23 07:47 Received: 04/06/23 17:00 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	34.8	mg/L	2.0	0.44	1		04/20/23 14:20	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	281	mg/L	25.0	7.4	1		04/14/23 09:28		
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	2.9	mg/L	0.25	0.059	1		04/12/23 11:48		

Sample: 040623014 **Lab ID: 40260403014** Collected: 04/06/23 08:30 Received: 04/06/23 17:00 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	7650	ug/L	140	28.8	50		04/13/23 11:52	74-82-8	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<0.117	ug/L	500	117	2	04/10/23 05:36	04/14/23 20:18	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:18	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:18	7440-50-8	D3
Iron, Dissolved	13600	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:18	7439-89-6	
Manganese, Dissolved	1230	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:18	7439-96-5	
Nickel, Dissolved	0.67J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:18	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:18	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:18	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:18	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.021	ug/L	0.057	0.021	1	04/11/23 09:00	04/13/23 14:28	120-12-7	
Benzo(a)pyrene	<0.014	ug/L	0.057	0.014	1	04/11/23 09:00	04/13/23 14:28	50-32-8	
Benzo(b)fluoranthene	<0.010	ug/L	0.057	0.010	1	04/11/23 09:00	04/13/23 14:28	205-99-2	
Benzo(g,h,i)perylene	<0.026	ug/L	0.057	0.026	1	04/11/23 09:00	04/13/23 14:28	191-24-2	
Chrysene	<0.014	ug/L	0.057	0.014	1	04/11/23 09:00	04/13/23 14:28	218-01-9	
Fluoranthene	<0.030	ug/L	0.057	0.030	1	04/11/23 09:00	04/13/23 14:28	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/11/23 09:00	04/13/23 14:28	86-73-7	
Naphthalene	<0.023	ug/L	0.057	0.023	1	04/11/23 09:00	04/13/23 14:28	91-20-3	
Phenanthrene	<0.029	ug/L	0.057	0.029	1	04/11/23 09:00	04/13/23 14:28	85-01-8	
Pyrene	<0.026	ug/L	0.057	0.026	1	04/11/23 09:00	04/13/23 14:28	129-00-0	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623014 **Lab ID: 40260403014** Collected: 04/06/23 08:30 Received: 04/06/23 17:00 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									
Surrogates									
2-Fluorobiphenyl (S)	79	%	44-120		1	04/11/23 09:00	04/13/23 14:28	321-60-8	
Terphenyl-d14 (S)	86	%	49-120		1	04/11/23 09:00	04/13/23 14:28	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 15:19	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 15:19	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 15:19	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 15:19	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 15:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 15:19	95-47-6	
Surrogates									
Toluene-d8 (S)	110	%	70-130		1		04/10/23 15:19	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-130		1		04/10/23 15:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 15:19	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	28.5	mg/L	2.0	0.44	1		04/20/23 14:33	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	468	mg/L	50.0	14.9	2		04/14/23 09:29		
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		04/12/23 11:49		

Sample: 040623015 **Lab ID: 40260403015** Collected: 04/06/23 09:05 Received: 04/06/23 17:00 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	16700	ug/L	280	57.6	100		04/13/23 11:59	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	04/10/23 05:36	04/14/23 20:38	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:38	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:38	7440-50-8	D3
Iron, Dissolved	23100	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:38	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Sample: 040623015 **Lab ID: 40260403015** Collected: 04/06/23 09:05 Received: 04/06/23 17:00 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									
Manganese, Dissolved	945	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:38	7439-96-5	
Nickel, Dissolved	0.69J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:38	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:38	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:38	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:38	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.050J	ug/L	0.053	0.020	1	04/11/23 09:00	04/13/23 14:47	120-12-7	
Benzo(a)pyrene	0.024J	ug/L	0.053	0.013	1	04/11/23 09:00	04/13/23 14:47	50-32-8	
Benzo(b)fluoranthene	<0.0096	ug/L	0.053	0.0096	1	04/11/23 09:00	04/13/23 14:47	205-99-2	
Benzo(g,h,i)perylene	<0.025	ug/L	0.053	0.025	1	04/11/23 09:00	04/13/23 14:47	191-24-2	
Chrysene	<0.013	ug/L	0.053	0.013	1	04/11/23 09:00	04/13/23 14:47	218-01-9	
Fluoranthene	0.059	ug/L	0.053	0.028	1	04/11/23 09:00	04/13/23 14:47	206-44-0	
Fluorene	0.12	ug/L	0.053	0.025	1	04/11/23 09:00	04/13/23 14:47	86-73-7	
Naphthalene	0.028J	ug/L	0.053	0.021	1	04/11/23 09:00	04/13/23 14:47	91-20-3	
Phenanthrene	0.065	ug/L	0.053	0.027	1	04/11/23 09:00	04/13/23 14:47	85-01-8	
Pyrene	0.051J	ug/L	0.053	0.024	1	04/11/23 09:00	04/13/23 14:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	78	%	44-120		1	04/11/23 09:00	04/13/23 14:47	321-60-8	
Terphenyl-d14 (S)	87	%	49-120		1	04/11/23 09:00	04/13/23 14:47	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		04/10/23 15:37	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 15:37	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 15:37	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 15:37	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 15:37	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 15:37	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 15:37	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		04/10/23 15:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/10/23 15:37	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	23.2	mg/L	2.0	0.44	1		04/20/23 14:45	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	735	mg/L	50.0	14.9	2		04/14/23 09:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623015 **Lab ID: 40260403015** Collected: 04/06/23 09:05 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		04/12/23 11:49		

Sample: 040623016 **Lab ID: 40260403016** Collected: 04/06/23 09:44 Received: 04/06/23 17:00 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	9670	ug/L	140	28.8	50		04/13/23 12:06	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	04/10/23 05:36	04/14/23 20:44	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:44	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:44	7440-50-8	D3
Iron, Dissolved	28700	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:44	7439-89-6	
Manganese, Dissolved	453	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:44	7439-96-5	
Nickel, Dissolved	<0.57	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:44	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:44	7440-22-4	D3
Vanadium, Dissolved	<0.63	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:44	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:44	7440-66-6	D3

8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.048J	ug/L	0.052	0.019	1	04/11/23 09:00	04/13/23 15:07	120-12-7	
Benzo(a)pyrene	0.014J	ug/L	0.052	0.013	1	04/11/23 09:00	04/13/23 15:07	50-32-8	
Benzo(b)fluoranthene	0.032J	ug/L	0.052	0.0094	1	04/11/23 09:00	04/13/23 15:07	205-99-2	
Benzo(g,h,i)perylene	0.030J	ug/L	0.052	0.024	1	04/11/23 09:00	04/13/23 15:07	191-24-2	
Chrysene	0.062	ug/L	0.052	0.013	1	04/11/23 09:00	04/13/23 15:07	218-01-9	
Fluoranthene	0.16	ug/L	0.052	0.027	1	04/11/23 09:00	04/13/23 15:07	206-44-0	
Fluorene	0.33	ug/L	0.052	0.024	1	04/11/23 09:00	04/13/23 15:07	86-73-7	
Naphthalene	0.21	ug/L	0.052	0.021	1	04/11/23 09:00	04/13/23 15:07	91-20-3	
Phenanthrene	0.077	ug/L	0.052	0.027	1	04/11/23 09:00	04/13/23 15:07	85-01-8	
Pyrene	0.13	ug/L	0.052	0.023	1	04/11/23 09:00	04/13/23 15:07	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	44-120		1	04/11/23 09:00	04/13/23 15:07	321-60-8	
Terphenyl-d14 (S)	76	%	49-120		1	04/11/23 09:00	04/13/23 15:07	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		04/10/23 15:54	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 15:54	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 15:54	108-88-3	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Sample: 040623016 **Lab ID: 40260403016** Collected: 04/06/23 09:44 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 15:54	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 15:54	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 15:54	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 15:54	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		04/10/23 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/10/23 15:54	2199-69-1	

300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<0.44	mg/L	2.0	0.44	1		04/20/23 14:58	14808-79-8	

310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	231	mg/L	50.0	14.9	2		04/14/23 09:31		

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		04/12/23 11:52		

Sample: 040623017 **Lab ID: 40260403017** Collected: 04/06/23 10:16 Received: 04/06/23 17:00 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	265	ug/L	2.8	0.58	1		04/13/23 11:11	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	04/10/23 05:36	04/14/23 20:51	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:51	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:51	7440-50-8	D3
Iron, Dissolved	4960	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:51	7439-89-6	
Manganese, Dissolved	535	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:51	7439-96-5	
Nickel, Dissolved	0.86J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:51	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:51	7440-22-4	D3
Vanadium, Dissolved	0.78J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:51	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:51	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	0.070	ug/L	0.053	0.020	1	04/11/23 09:00	04/13/23 15:26	120-12-7	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623017 **Lab ID: 40260403017** Collected: 04/06/23 10:16 Received: 04/06/23 17:00 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	0.20	ug/L	0.053	0.014	1	04/11/23 09:00	04/13/23 15:26	50-32-8	
Benzo(b)fluoranthene	0.30	ug/L	0.053	0.0097	1	04/11/23 09:00	04/13/23 15:26	205-99-2	
Benzo(g,h,i)perylene	0.22	ug/L	0.053	0.025	1	04/11/23 09:00	04/13/23 15:26	191-24-2	
Chrysene	0.27	ug/L	0.053	0.013	1	04/11/23 09:00	04/13/23 15:26	218-01-9	
Fluoranthene	0.60	ug/L	0.053	0.028	1	04/11/23 09:00	04/13/23 15:26	206-44-0	
Fluorene	0.45	ug/L	0.053	0.025	1	04/11/23 09:00	04/13/23 15:26	86-73-7	
Naphthalene	0.032J	ug/L	0.053	0.021	1	04/11/23 09:00	04/13/23 15:26	91-20-3	
Phenanthrene	0.23	ug/L	0.053	0.027	1	04/11/23 09:00	04/13/23 15:26	85-01-8	
Pyrene	0.42	ug/L	0.053	0.024	1	04/11/23 09:00	04/13/23 15:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	44-120		1	04/11/23 09:00	04/13/23 15:26	321-60-8	
Terphenyl-d14 (S)	76	%	49-120		1	04/11/23 09:00	04/13/23 15:26	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/10/23 16:11	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/10/23 16:11	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/10/23 16:11	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/10/23 16:11	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/10/23 16:11	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/10/23 16:11	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		1		04/10/23 16:11	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		04/10/23 16:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/10/23 16:11	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	81.1	mg/L	10.0	2.2	5		04/21/23 13:14	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	331	mg/L	50.0	14.9	2		04/14/23 09:32		
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		04/12/23 11:53		

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623018 **Lab ID: 40260403018** Collected: 04/06/23 10:55 Received: 04/06/23 17:00 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	1530	ug/L	28.0	5.8	10		04/13/23 12:13	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	04/10/23 05:36	04/14/23 20:58	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 20:58	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 20:58	7440-50-8	D3
Iron, Dissolved	44100	ug/L	500	116	2	04/10/23 05:36	04/14/23 20:58	7439-89-6	
Manganese, Dissolved	1100	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 20:58	7439-96-5	
Nickel, Dissolved	0.63J	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 20:58	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 20:58	7440-22-4	D3
Vanadium, Dissolved	1.1J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 20:58	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 20:58	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	5.0J	ug/L	5.5	2.0	100	04/11/23 09:00	04/12/23 18:32	120-12-7	
Benzo(a)pyrene	<1.4	ug/L	5.5	1.4	100	04/11/23 09:00	04/12/23 18:32	50-32-8	
Benzo(b)fluoranthene	<1.0	ug/L	5.5	1.0	100	04/11/23 09:00	04/12/23 18:32	205-99-2	
Benzo(g,h,i)perylene	<2.5	ug/L	5.5	2.5	100	04/11/23 09:00	04/12/23 18:32	191-24-2	
Chrysene	<1.4	ug/L	5.5	1.4	100	04/11/23 09:00	04/12/23 18:32	218-01-9	
Fluoranthene	3.8J	ug/L	5.5	2.9	100	04/11/23 09:00	04/12/23 18:32	206-44-0	
Fluorene	31.1	ug/L	5.5	2.6	100	04/11/23 09:00	04/12/23 18:32	86-73-7	
Naphthalene	1070	ug/L	5.5	2.2	100	04/11/23 09:00	04/12/23 18:32	91-20-3	
Phenanthrene	32.8	ug/L	5.5	2.8	100	04/11/23 09:00	04/12/23 18:32	85-01-8	
Pyrene	3.2J	ug/L	5.5	2.5	100	04/11/23 09:00	04/12/23 18:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	99	%	44-120		100	04/11/23 09:00	04/12/23 18:32	321-60-8	
Terphenyl-d14 (S)	87	%	49-120		100	04/11/23 09:00	04/12/23 18:32	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	220	ug/L	10.0	3.0	10		04/10/23 16:45	71-43-2	
Ethylbenzene	175	ug/L	10.0	3.3	10		04/10/23 16:45	100-41-4	
Toluene	21.4	ug/L	10.0	2.9	10		04/10/23 16:45	108-88-3	
Xylene (Total)	121	ug/L	30.0	10.5	10		04/10/23 16:45	1330-20-7	
m&p-Xylene	35.5	ug/L	20.0	7.0	10		04/10/23 16:45	179601-23-1	
o-Xylene	85.2	ug/L	10.0	3.5	10		04/10/23 16:45	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	70-130		10		04/10/23 16:45	2037-26-5	D3
4-Bromofluorobenzene (S)	111	%	70-130		10		04/10/23 16:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		04/10/23 16:45	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623018 **Lab ID: 40260403018** Collected: 04/06/23 10:55 Received: 04/06/23 17:00 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	104	mg/L	10.0	2.2	5		04/21/23 13:27	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	780	mg/L	50.0	14.9	2		04/14/23 09:37		
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		04/12/23 11:53		

Sample: 040623019 **Lab ID: 40260403019** Collected: 04/06/23 11:00 Received: 04/06/23 17:00 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	2660	ug/L	28.0	5.8	10		04/13/23 12:35	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	04/10/23 05:36	04/14/23 21:05	7429-90-5	D3
Antimony, Dissolved	<0.30	ug/L	2.0	0.30	2	04/10/23 05:36	04/14/23 21:05	7440-36-0	D3
Copper, Dissolved	<3.8	ug/L	12.7	3.8	2	04/10/23 05:36	04/14/23 21:05	7440-50-8	D3
Iron, Dissolved	44600	ug/L	500	116	2	04/10/23 05:36	04/14/23 21:05	7439-89-6	
Manganese, Dissolved	1130	ug/L	8.1	2.4	2	04/10/23 05:36	04/14/23 21:05	7439-96-5	
Nickel, Dissolved	<0.57	ug/L	2.0	0.57	2	04/10/23 05:36	04/14/23 21:05	7440-02-0	D3
Silver, Dissolved	<0.25	ug/L	1.0	0.25	2	04/10/23 05:36	04/14/23 21:05	7440-22-4	D3
Vanadium, Dissolved	0.97J	ug/L	2.1	0.63	2	04/10/23 05:36	04/14/23 21:05	7440-62-2	D3
Zinc, Dissolved	<20.7	ug/L	68.9	20.7	2	04/10/23 05:36	04/14/23 21:05	7440-66-6	D3
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	6.4	ug/L	5.1	1.9	100	04/12/23 12:50	04/13/23 16:04	120-12-7	
Benzo(a)pyrene	<1.3	ug/L	5.1	1.3	100	04/12/23 12:50	04/13/23 16:04	50-32-8	
Benzo(b)fluoranthene	<0.92	ug/L	5.1	0.92	100	04/12/23 12:50	04/13/23 16:04	205-99-2	
Benzo(g,h,i)perylene	<2.4	ug/L	5.1	2.4	100	04/12/23 12:50	04/13/23 16:04	191-24-2	
Chrysene	<1.3	ug/L	5.1	1.3	100	04/12/23 12:50	04/13/23 16:04	218-01-9	
Fluoranthene	4.0J	ug/L	5.1	2.6	100	04/12/23 12:50	04/13/23 16:04	206-44-0	
Fluorene	32.7	ug/L	5.1	2.4	100	04/12/23 12:50	04/13/23 16:04	86-73-7	
Naphthalene	1010	ug/L	5.1	2.0	100	04/12/23 12:50	04/13/23 16:04	91-20-3	
Phenanthrene	30.9	ug/L	5.1	2.6	100	04/12/23 12:50	04/13/23 16:04	85-01-8	
Pyrene	3.3J	ug/L	5.1	2.3	100	04/12/23 12:50	04/13/23 16:04	129-00-0	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623019 Lab ID: 40260403019 Collected: 04/06/23 11:00 Received: 04/06/23 17:00 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									
Surrogates									
2-Fluorobiphenyl (S)	141	%	44-120		100	04/12/23 12:50	04/13/23 16:04	321-60-8	S4
Terphenyl-d14 (S)	87	%	49-120		100	04/12/23 12:50	04/13/23 16:04	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	223	ug/L	10.0	3.0	10		04/10/23 17:03	71-43-2	
Ethylbenzene	184	ug/L	10.0	3.3	10		04/10/23 17:03	100-41-4	
Toluene	23.6	ug/L	10.0	2.9	10		04/10/23 17:03	108-88-3	
Xylene (Total)	121	ug/L	30.0	10.5	10		04/10/23 17:03	1330-20-7	
m&p-Xylene	34.5	ug/L	20.0	7.0	10		04/10/23 17:03	179601-23-1	
o-Xylene	86.2	ug/L	10.0	3.5	10		04/10/23 17:03	95-47-6	
Surrogates									
Toluene-d8 (S)	111	%	70-130		10		04/10/23 17:03	2037-26-5	D3
4-Bromofluorobenzene (S)	112	%	70-130		10		04/10/23 17:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		04/10/23 17:03	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	99.4	mg/L	10.0	2.2	5		04/21/23 13:40	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	800	mg/L	50.0	14.9	2		04/14/23 09:38		
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		04/12/23 11:54		M0

Sample: 040623020 Lab ID: 40260403020 Collected: 04/06/23 11:54 Received: 04/06/23 17:00 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	<14.6	ug/L	57.6	14.6	1000	04/12/23 12:50	04/13/23 16:23	50-32-8	
Benzo(b)fluoranthene	<10.5	ug/L	57.6	10.5	1000	04/12/23 12:50	04/13/23 16:23	205-99-2	
Chrysene	<14.5	ug/L	57.6	14.5	1000	04/12/23 12:50	04/13/23 16:23	218-01-9	
Naphthalene	5850	ug/L	57.6	22.9	1000	04/12/23 12:50	04/13/23 16:23	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	658	%	44-120		1000	04/12/23 12:50	04/13/23 16:23	321-60-8	S4
Terphenyl-d14 (S)	115	%	49-120		1000	04/12/23 12:50	04/13/23 16:23	1718-51-0	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Sample: 040623020									
		Lab ID: 40260403020	Collected: 04/06/23 11:54	Received: 04/06/23 17:00	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	2760	ug/L	40.0	11.8	40		04/10/23 17:20	71-43-2	
Ethylbenzene	2360	ug/L	40.0	13.0	40		04/10/23 17:20	100-41-4	
Surrogates									
Toluene-d8 (S)	111	%	70-130		40		04/10/23 17:20	2037-26-5	HS
4-Bromofluorobenzene (S)	114	%	70-130		40		04/10/23 17:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		40		04/10/23 17:20	2199-69-1	

Sample: 040623021									
		Lab ID: 40260403021	Collected: 04/06/23 12:25	Received: 04/06/23 17:00	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	<2.9	ug/L	11.5	2.9	200	04/12/23 12:50	04/13/23 16:43	50-32-8	
Benzo(b)fluoranthene	4.3J	ug/L	11.5	2.1	200	04/12/23 12:50	04/13/23 16:43	205-99-2	
Chrysene	9.2J	ug/L	11.5	2.9	200	04/12/23 12:50	04/13/23 16:43	218-01-9	
Naphthalene	2570	ug/L	11.5	4.6	200	04/12/23 12:50	04/13/23 16:43	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	248	%	44-120		200	04/12/23 12:50	04/13/23 16:43	321-60-8	S4
Terphenyl-d14 (S)	80	%	49-120		200	04/12/23 12:50	04/13/23 16:43	1718-51-0	

Sample: 040623022									
		Lab ID: 40260403022	Collected: 04/06/23 12:30	Received: 04/06/23 17:00	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	1440	ug/L	25.0	7.4	25		04/11/23 18:43	71-43-2	
Ethylbenzene	114	ug/L	25.0	8.1	25		04/11/23 18:43	100-41-4	
Surrogates									
Toluene-d8 (S)	92	%	70-130		25		04/11/23 18:43	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		25		04/11/23 18:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		25		04/11/23 18:43	2199-69-1	

Sample: 040623022									
		Lab ID: 40260403022	Collected: 04/06/23 12:30	Received: 04/06/23 17:00	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	<2.8	ug/L	10.9	2.8	200	04/12/23 12:50	04/13/23 17:02	50-32-8	
Benzo(b)fluoranthene	<2.0	ug/L	10.9	2.0	200	04/12/23 12:50	04/13/23 17:02	205-99-2	
Chrysene	7.2J	ug/L	10.9	2.8	200	04/12/23 12:50	04/13/23 17:02	218-01-9	
Naphthalene	1870	ug/L	10.9	4.4	200	04/12/23 12:50	04/13/23 17:02	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	98	%	44-120		200	04/12/23 12:50	04/13/23 17:02	321-60-8	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623022 Lab ID: 40260403022 Collected: 04/06/23 12:30 Received: 04/06/23 17:00 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									
Surrogates									
Terphenyl-d14 (S)	67	%	49-120		200	04/12/23 12:50	04/13/23 17:02	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	1540	ug/L	25.0	7.4	25		04/11/23 19:02	71-43-2	
Ethylbenzene	120	ug/L	25.0	8.1	25		04/11/23 19:02	100-41-4	
Surrogates									
Toluene-d8 (S)	91	%	70-130		25		04/11/23 19:02	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		25		04/11/23 19:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		25		04/11/23 19:02	2199-69-1	

Sample: 040623023 Lab ID: 40260403023 Collected: 04/06/23 13:01 Received: 04/06/23 17:00 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	0.036J	ug/L	0.051	0.013	1	04/12/23 12:50	04/13/23 21:57	50-32-8	
Benzo(b)fluoranthene	0.067	ug/L	0.051	0.0094	1	04/12/23 12:50	04/13/23 21:57	205-99-2	
Chrysene	0.062	ug/L	0.051	0.013	1	04/12/23 12:50	04/13/23 21:57	218-01-9	
Naphthalene	0.67	ug/L	0.051	0.020	1	04/12/23 12:50	04/13/23 21:57	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	78	%	44-120		1	04/12/23 12:50	04/13/23 21:57	321-60-8	
Terphenyl-d14 (S)	85	%	49-120		1	04/12/23 12:50	04/13/23 21:57	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		04/11/23 13:49	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/11/23 13:49	100-41-4	
Surrogates									
Toluene-d8 (S)	86	%	70-130		1		04/11/23 13:49	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		04/11/23 13:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/11/23 13:49	2199-69-1	

Sample: 040623024 Lab ID: 40260403024 Collected: 04/06/23 13:27 Received: 04/06/23 17:00 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	<0.58	ug/L	2.3	0.58	40	04/12/23 12:50	04/13/23 17:21	50-32-8	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Sample: 040623024 **Lab ID: 40260403024** Collected: 04/06/23 13:27 Received: 04/06/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
Benzo(b)fluoranthene	<0.41	ug/L	2.3	0.41	40	04/12/23 12:50	04/13/23 17:21	205-99-2	
Chrysene	0.76J	ug/L	2.3	0.57	40	04/12/23 12:50	04/13/23 17:21	218-01-9	
Naphthalene	251	ug/L	2.3	0.91	40	04/12/23 12:50	04/13/23 17:21	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	78	%	44-120		40	04/12/23 12:50	04/13/23 17:21	321-60-8	
Terphenyl-d14 (S)	79	%	49-120		40	04/12/23 12:50	04/13/23 17:21	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	108	ug/L	2.5	0.74	2.5		04/11/23 18:23	71-43-2	
Ethylbenzene	30.3	ug/L	2.5	0.81	2.5		04/11/23 18:23	100-41-4	
Surrogates									
Toluene-d8 (S)	92	%	70-130		2.5		04/11/23 18:23	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		2.5		04/11/23 18:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2.5		04/11/23 18:23	2199-69-1	

Sample: 040623025 **Lab ID: 40260403025** Collected: 04/06/23 13:45 Received: 04/06/23 17:00 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									
Anthracene	0.084	ug/L	0.057	0.021	1	04/12/23 12:50	04/17/23 13:24	120-12-7	
Benzo(a)pyrene	0.033J	ug/L	0.057	0.014	1	04/12/23 12:50	04/17/23 13:24	50-32-8	
Benzo(b)fluoranthene	0.069	ug/L	0.057	0.010	1	04/12/23 12:50	04/17/23 13:24	205-99-2	
Benzo(g,h,i)perylene	<0.027	ug/L	0.057	0.027	1	04/12/23 12:50	04/17/23 13:24	191-24-2	
Chrysene	0.11	ug/L	0.057	0.014	1	04/12/23 12:50	04/17/23 13:24	218-01-9	
Fluoranthene	0.11	ug/L	0.057	0.030	1	04/12/23 12:50	04/17/23 13:24	206-44-0	
Fluorene	<0.027	ug/L	0.057	0.027	1	04/12/23 12:50	04/17/23 13:24	86-73-7	
Naphthalene	0.31	ug/L	0.057	0.023	1	04/12/23 12:50	04/17/23 13:24	91-20-3	
Phenanthrene	0.053J	ug/L	0.057	0.029	1	04/12/23 12:50	04/17/23 13:24	85-01-8	
Pyrene	0.092	ug/L	0.057	0.026	1	04/12/23 12:50	04/17/23 13:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	44-120		1	04/12/23 12:50	04/17/23 13:24	321-60-8	
Terphenyl-d14 (S)	78	%	49-120		1	04/12/23 12:50	04/17/23 13:24	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		04/11/23 13:29	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/11/23 13:29	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/11/23 13:29	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/11/23 13:29	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/11/23 13:29	179601-23-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623025 **Lab ID: 40260403025** Collected: 04/06/23 13:45 Received: 04/06/23 17:00 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		04/11/23 13:29	95-47-6	
Surrogates									
Toluene-d8 (S)	86	%	70-130		1		04/11/23 13:29	2037-26-5	pH
4-Bromofluorobenzene (S)	86	%	70-130		1		04/11/23 13:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/11/23 13:29	2199-69-1	

Sample: 040623026 **Lab ID: 40260403026** Collected: 04/06/23 14:10 Received: 04/06/23 17:00 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									
Anthracene	0.11	ug/L	0.045	0.017	1	04/12/23 12:50	04/17/23 13:05	120-12-7	
Benzo(a)pyrene	0.15	ug/L	0.045	0.012	1	04/12/23 12:50	04/17/23 13:05	50-32-8	
Benzo(b)fluoranthene	0.17	ug/L	0.045	0.0083	1	04/12/23 12:50	04/17/23 13:05	205-99-2	
Benzo(g,h,i)perylene	0.051	ug/L	0.045	0.021	1	04/12/23 12:50	04/17/23 13:05	191-24-2	
Chrysene	0.19	ug/L	0.045	0.011	1	04/12/23 12:50	04/17/23 13:05	218-01-9	
Fluoranthene	0.48	ug/L	0.045	0.024	1	04/12/23 12:50	04/17/23 13:05	206-44-0	
Fluorene	0.043J	ug/L	0.045	0.021	1	04/12/23 12:50	04/17/23 13:05	86-73-7	
Naphthalene	<0.018	ug/L	0.045	0.018	1	04/12/23 12:50	04/17/23 13:05	91-20-3	
Phenanthrene	0.34	ug/L	0.045	0.023	1	04/12/23 12:50	04/17/23 13:05	85-01-8	
Pyrene	0.33	ug/L	0.045	0.021	1	04/12/23 12:50	04/17/23 13:05	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%	44-120		1	04/12/23 12:50	04/17/23 13:05	321-60-8	
Terphenyl-d14 (S)	84	%	49-120		1	04/12/23 12:50	04/17/23 13:05	1718-51-0	

8260 MSV UST Analytical Method: EPA 8260
Pace Analytical Services - Green Bay

Benzene	<0.30	ug/L	1.0	0.30	1		04/11/23 14:08	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/11/23 14:08	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/11/23 14:08	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/11/23 14:08	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/11/23 14:08	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/11/23 14:08	95-47-6	
Surrogates									
Toluene-d8 (S)	86	%	70-130		1		04/11/23 14:08	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		04/11/23 14:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/11/23 14:08	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623027 **Lab ID: 40260403027** Collected: 04/06/23 14:30 Received: 04/06/23 17:00 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		04/13/23 11:32	74-82-8	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Aluminum, Dissolved	<58.7	ug/L	250	58.7	1	04/10/23 05:36	04/18/23 14:53	7429-90-5	
Antimony, Dissolved	<0.15	ug/L	1.0	0.15	1	04/10/23 05:36	04/18/23 14:53	7440-36-0	
Copper, Dissolved	<1.9	ug/L	6.4	1.9	1	04/10/23 05:36	04/18/23 14:53	7440-50-8	
Iron, Dissolved	<58.0	ug/L	250	58.0	1	04/10/23 05:36	04/18/23 14:53	7439-89-6	
Manganese, Dissolved	<1.2	ug/L	4.0	1.2	1	04/10/23 05:36	04/18/23 14:53	7439-96-5	
Nickel, Dissolved	<0.28	ug/L	1.0	0.28	1	04/10/23 05:36	04/18/23 14:53	7440-02-0	
Silver, Dissolved	<0.13	ug/L	0.50	0.13	1	04/10/23 05:36	04/18/23 14:53	7440-22-4	
Vanadium, Dissolved	<0.32	ug/L	1.0	0.32	1	04/10/23 05:36	04/18/23 14:53	7440-62-2	
Zinc, Dissolved	<10.3	ug/L	34.4	10.3	1	04/10/23 05:36	04/18/23 14:53	7440-66-6	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Anthracene	<0.019	ug/L	0.051	0.019	1	04/12/23 12:50	04/17/23 13:44	120-12-7	
Benzo(a)pyrene	<0.013	ug/L	0.051	0.013	1	04/12/23 12:50	04/17/23 13:44	50-32-8	
Benzo(b)fluoranthene	<0.0093	ug/L	0.051	0.0093	1	04/12/23 12:50	04/17/23 13:44	205-99-2	
Benzo(g,h,i)perylene	<0.024	ug/L	0.051	0.024	1	04/12/23 12:50	04/17/23 13:44	191-24-2	
Chrysene	<0.013	ug/L	0.051	0.013	1	04/12/23 12:50	04/17/23 13:44	218-01-9	
Fluoranthene	<0.027	ug/L	0.051	0.027	1	04/12/23 12:50	04/17/23 13:44	206-44-0	
Fluorene	<0.024	ug/L	0.051	0.024	1	04/12/23 12:50	04/17/23 13:44	86-73-7	
Naphthalene	0.037J	ug/L	0.051	0.020	1	04/12/23 12:50	04/17/23 13:44	91-20-3	
Phenanthrene	<0.026	ug/L	0.051	0.026	1	04/12/23 12:50	04/17/23 13:44	85-01-8	
Pyrene	<0.023	ug/L	0.051	0.023	1	04/12/23 12:50	04/17/23 13:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	73	%	44-120		1	04/12/23 12:50	04/17/23 13:44	321-60-8	
Terphenyl-d14 (S)	76	%	49-120		1	04/12/23 12:50	04/17/23 13:44	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		04/11/23 14:28	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/11/23 14:28	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/11/23 14:28	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/11/23 14:28	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/11/23 14:28	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/11/23 14:28	95-47-6	
Surrogates									
Toluene-d8 (S)	85	%	70-130		1		04/11/23 14:28	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		04/11/23 14:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/11/23 14:28	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Sample: 040623027 **Lab ID: 40260403027** Collected: 04/06/23 14:30 Received: 04/06/23 17:00 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	<0.44	mg/L	2.0	0.44	1		04/20/23 15:50	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	15.6J	mg/L	25.0	7.4	1		04/14/23 09:39		
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		04/12/23 11:57		

Sample: 040623028 **Lab ID: 40260403028** Collected: 04/06/23 00:00 Received: 04/06/23 17:00 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		04/11/23 12:50	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/11/23 12:50	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/11/23 12:50	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/11/23 12:50	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/11/23 12:50	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/11/23 12:50	95-47-6	
Surrogates									
Toluene-d8 (S)	88	%	70-130		1		04/11/23 12:50	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		04/11/23 12:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/11/23 12:50	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

QC Batch: 442163	Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 8015B Modified	Analysis Description: Methane, Ethane, Ethene GCV
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403005, 40260403006

METHOD BLANK: 2538570 Matrix: Water
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403005, 40260403006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	04/12/23 09:27	

LABORATORY CONTROL SAMPLE & LCSD: 2538571 2538572

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	24.3	26.6	85	93	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2538573 2538574

Parameter	Units	40260238007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	3060	714	714	6830	7670	527	645	12-198	12	26	M1

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

QC Batch:	442251	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40260403004, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027		

METHOD BLANK:	2539141	Matrix:	Water
Associated Lab Samples:	40260403004, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	04/13/23 08:46	

LABORATORY CONTROL SAMPLE & LCSD: 2539142		2539143									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Methane	ug/L	28.6	25.4	27.7	89	97	80-120	9	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2539144		2539145										
Parameter	Units	40260403004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	28.3	28.6	28.6	90.7	99.6	219	250	12-198	9	26	M1

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 441893 Analysis Method: EPA 6020B
QC Batch Method: EPA 3010A Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

METHOD BLANK: 2537558 Matrix: Water
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum, Dissolved	ug/L	<58.7	250	04/14/23 17:57	
Antimony, Dissolved	ug/L	<0.15	1.0	04/14/23 17:57	
Copper, Dissolved	ug/L	<1.9	6.4	04/14/23 17:57	
Iron, Dissolved	ug/L	<58.0	250	04/14/23 17:57	
Manganese, Dissolved	ug/L	<1.2	4.0	04/14/23 17:57	
Nickel, Dissolved	ug/L	<0.28	1.0	04/14/23 17:57	
Silver, Dissolved	ug/L	<0.13	0.50	04/14/23 17:57	
Vanadium, Dissolved	ug/L	<0.32	1.0	04/14/23 17:57	
Zinc, Dissolved	ug/L	<10.3	34.4	04/14/23 17:57	

LABORATORY CONTROL SAMPLE: 2537559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum, Dissolved	ug/L	10000	10100	101	80-120	
Antimony, Dissolved	ug/L	250	248	99	80-120	
Copper, Dissolved	ug/L	250	236	94	80-120	
Iron, Dissolved	ug/L	10000	10200	102	80-120	
Manganese, Dissolved	ug/L	250	249	100	80-120	
Nickel, Dissolved	ug/L	250	236	94	80-120	
Silver, Dissolved	ug/L	125	119	95	80-120	
Vanadium, Dissolved	ug/L	250	234	94	80-120	
Zinc, Dissolved	ug/L	250	255	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2537560 2537561

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403004 Result	Spike Conc.	Spike Conc.	Conc.								
Aluminum, Dissolved	ug/L	<117	10000	10000	10400	10200	104	102	75-125	2	20		
Antimony, Dissolved	ug/L	1.5J	250	250	267	262	106	104	75-125	2	20		
Copper, Dissolved	ug/L	<3.8	250	250	244	241	96	95	75-125	1	20		
Iron, Dissolved	ug/L	368J	10000	10000	10900	10800	106	104	75-125	2	20		
Manganese, Dissolved	ug/L	532	250	250	816	779	114	99	75-125	5	20		
Nickel, Dissolved	ug/L	1.6J	250	250	243	241	97	96	75-125	1	20		
Silver, Dissolved	ug/L	<0.25	125	125	121	121	97	97	75-125	0	20		

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2537560		2537561		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403004 Result	MS Spike Conc.	MSD Spike Conc.									
Vanadium, Dissolved	ug/L	1.2J	250	250	242	234	96	93	75-125	3	20		
Zinc, Dissolved	ug/L	<20.7	250	250	261	258	104	103	75-125	1	20		

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 441916 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403007, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403020

METHOD BLANK: 2537636 Matrix: Water
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403007, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	04/10/23 10:27	
Ethylbenzene	ug/L	<0.33	1.0	04/10/23 10:27	
m&p-Xylene	ug/L	<0.70	2.0	04/10/23 10:27	
o-Xylene	ug/L	<0.35	1.0	04/10/23 10:27	
Toluene	ug/L	<0.29	1.0	04/10/23 10:27	
Xylene (Total)	ug/L	<1.0	3.0	04/10/23 10:27	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	04/10/23 10:27	
4-Bromofluorobenzene (S)	%	114	70-130	04/10/23 10:27	
Toluene-d8 (S)	%	111	70-130	04/10/23 10:27	

LABORATORY CONTROL SAMPLE: 2537637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	47.7	95	70-130	
Ethylbenzene	ug/L	50	51.4	103	80-120	
m&p-Xylene	ug/L	100	96.2	96	70-130	
o-Xylene	ug/L	50	47.4	95	70-130	
Toluene	ug/L	50	50.1	100	80-120	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			114	70-130	
Toluene-d8 (S)	%			109	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2537638 2537639

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403004 Result	Spike Conc.	Spike Conc.	Conc.								
Benzene	ug/L	23.4	50	50	79.2	74.8	112	103	70-130	6	20		
Ethylbenzene	ug/L	1.1	50	50	53.1	56.5	104	111	80-121	6	20		
m&p-Xylene	ug/L	1.0J	100	100	95.9	107	95	106	70-130	11	20		
o-Xylene	ug/L	0.76J	50	50	47.4	52.8	93	104	70-130	11	20		
Toluene	ug/L	2.9	50	50	56.9	56.6	108	107	80-120	1	20		
Xylene (Total)	ug/L	1.8J	150	150	143	160	94	105	70-130	11	20		
1,2-Dichlorobenzene-d4 (S)	%						98	97	70-130				

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2537638 2537639												
Parameter	Units	40260403004 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
4-Bromofluorobenzene (S)	%						117	113	70-130			
Toluene-d8 (S)	%						110	111	70-130			

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 442044 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260403021, 40260403022, 40260403023, 40260403024, 40260403025, 40260403026, 40260403027, 40260403028

METHOD BLANK: 2538027 Matrix: Water
Associated Lab Samples: 40260403021, 40260403022, 40260403023, 40260403024, 40260403025, 40260403026, 40260403027, 40260403028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	04/11/23 11:12	
Ethylbenzene	ug/L	<0.33	1.0	04/11/23 11:12	
m&p-Xylene	ug/L	<0.70	2.0	04/11/23 11:12	
o-Xylene	ug/L	<0.35	1.0	04/11/23 11:12	
Toluene	ug/L	<0.29	1.0	04/11/23 11:12	
Xylene (Total)	ug/L	<1.0	3.0	04/11/23 11:12	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	04/11/23 11:12	
4-Bromofluorobenzene (S)	%	93	70-130	04/11/23 11:12	
Toluene-d8 (S)	%	87	70-130	04/11/23 11:12	

LABORATORY CONTROL SAMPLE: 2538028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	47.0	94	70-130	
Ethylbenzene	ug/L	50	49.8	100	80-120	
m&p-Xylene	ug/L	100	108	108	70-130	
o-Xylene	ug/L	50	52.8	106	70-130	
Toluene	ug/L	50	45.5	91	80-120	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			89	70-130	
Toluene-d8 (S)	%			89	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2538087 2538088

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Benzene	ug/L	<0.30	50	50	48.5	47.8	97	96	70-130	1	20
Ethylbenzene	ug/L	<0.33	50	50	51.1	50.3	102	101	80-121	2	20
m&p-Xylene	ug/L	<0.70	100	100	111	109	111	109	70-130	2	20
o-Xylene	ug/L	<0.35	50	50	53.6	53.8	107	108	70-130	0	20
Toluene	ug/L	<0.29	50	50	46.6	46.7	93	93	80-120	0	20
Xylene (Total)	ug/L	<1.0	150	150	165	163	110	109	70-130	1	20
1,2-Dichlorobenzene-d4 (S)	%						97	97	70-130		
4-Bromofluorobenzene (S)	%						92	90	70-130		
Toluene-d8 (S)	%						89	89	70-130		

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

QC Batch: 441911 Analysis Method: EPA 8270E by SIM
 QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403006, 40260403007, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012

METHOD BLANK: 2537624 Matrix: Water
 Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403006, 40260403007, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Anthracene	ug/L	<0.018	0.050	04/11/23 08:26	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/11/23 08:26	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/11/23 08:26	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/11/23 08:26	
Chrysene	ug/L	<0.013	0.050	04/11/23 08:26	
Fluoranthene	ug/L	<0.026	0.050	04/11/23 08:26	
Fluorene	ug/L	<0.024	0.050	04/11/23 08:26	
Naphthalene	ug/L	<0.020	0.050	04/11/23 08:26	
Phenanthrene	ug/L	<0.026	0.050	04/11/23 08:26	
Pyrene	ug/L	<0.023	0.050	04/11/23 08:26	
2-Fluorobiphenyl (S)	%	78	44-120	04/11/23 08:26	
Terphenyl-d14 (S)	%	81	49-120	04/11/23 08:26	

LABORATORY CONTROL SAMPLE: 2537625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Anthracene	ug/L	2	1.6	79	61-104	
Benzo(a)pyrene	ug/L	2	1.9	95	68-120	
Benzo(b)fluoranthene	ug/L	2	1.8	91	55-97	
Benzo(g,h,i)perylene	ug/L	2	1.8	90	69-120	
Chrysene	ug/L	2	2.4	119	72-126	
Fluoranthene	ug/L	2	2.1	104	58-111	
Fluorene	ug/L	2	1.8	88	62-120	
Naphthalene	ug/L	2	1.6	79	53-120	
Phenanthrene	ug/L	2	1.6	79	59-120	
Pyrene	ug/L	2	1.6	81	59-120	
2-Fluorobiphenyl (S)	%			78	44-120	
Terphenyl-d14 (S)	%			86	49-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2537626 2537627

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403004	Spike Conc.	Spike Conc.	Conc.								
Anthracene	ug/L	<0.098	2.2	2.2	2.2	1.7	1.6	80	73	19-124	9	20	
Benzo(a)pyrene	ug/L	<0.067	2.2	2.2	2.2	1.4	1.6	63	74	11-134	15	20	
Benzo(b)fluoranthene	ug/L	<0.048	2.2	2.2	2.2	1.6	1.5	72	71	10-118	1	20	

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Parameter	Units	2537626		2537627		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40260403004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(g,h,i)perylene	ug/L	<0.12	2.2	2.2	1.0	1.1	43	48	10-135	9	20		
Chrysene	ug/L	<0.067	2.2	2.2	2.8	2.9	127	131	27-144	2	20		
Fluoranthene	ug/L	<0.14	2.2	2.2	1.8	1.7	81	78	26-129	4	20		
Fluorene	ug/L	<0.12	2.2	2.2	1.7	1.7	74	76	27-120	1	20		
Naphthalene	ug/L	<0.11	2.2	2.2	1.7	1.7	76	76	11-120	1	20		
Phenanthrene	ug/L	<0.14	2.2	2.2	1.6	1.6	73	71	23-120	3	20		
Pyrene	ug/L	<0.12	2.2	2.2	1.7	1.7	76	76	24-120	0	20		
2-Fluorobiphenyl (S)	%						70	68	44-120				
Terphenyl-d14 (S)	%						78	75	49-120				

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 442042 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018

METHOD BLANK: 2538022 Matrix: Water
Associated Lab Samples: 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Anthracene	ug/L	<0.018	0.050	04/11/23 13:45	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/11/23 13:45	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/11/23 13:45	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/11/23 13:45	
Chrysene	ug/L	<0.013	0.050	04/11/23 13:45	
Fluoranthene	ug/L	<0.026	0.050	04/11/23 13:45	
Fluorene	ug/L	<0.024	0.050	04/11/23 13:45	
Naphthalene	ug/L	<0.020	0.050	04/11/23 13:45	
Phenanthrene	ug/L	<0.026	0.050	04/11/23 13:45	
Pyrene	ug/L	<0.023	0.050	04/11/23 13:45	
2-Fluorobiphenyl (S)	%	73	44-120	04/11/23 13:45	
Terphenyl-d14 (S)	%	81	49-120	04/11/23 13:45	

LABORATORY CONTROL SAMPLE & LCSD: 2538023

Parameter	Units	2538024								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Anthracene	ug/L	2	1.4	1.5	72	76	61-104	6	20	
Benzo(a)pyrene	ug/L	2	1.6	1.7	80	83	68-120	5	20	
Benzo(b)fluoranthene	ug/L	2	1.6	1.7	81	84	55-97	4	20	
Benzo(g,h,i)perylene	ug/L	2	1.4	1.6	69	78	69-120	12	20	
Chrysene	ug/L	2	2.0	2.0	100	99	72-126	1	20	
Fluoranthene	ug/L	2	1.7	1.7	85	86	58-111	2	20	
Fluorene	ug/L	2	1.5	1.5	74	76	62-120	3	20	
Naphthalene	ug/L	2	1.4	1.5	69	73	53-120	5	20	
Phenanthrene	ug/L	2	1.4	1.5	69	73	59-120	4	20	
Pyrene	ug/L	2	1.5	1.5	73	74	59-120	2	20	
2-Fluorobiphenyl (S)	%				72	74	44-120			
Terphenyl-d14 (S)	%				80	80	49-120			

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch:	442200	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270E Water PAH
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40260403005, 40260403019, 40260403020, 40260403021, 40260403022, 40260403023, 40260403024, 40260403025, 40260403026, 40260403027

METHOD BLANK: 2538730 Matrix: Water
Associated Lab Samples: 40260403005, 40260403019, 40260403020, 40260403021, 40260403022, 40260403023, 40260403024, 40260403025, 40260403026, 40260403027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Anthracene	ug/L	<0.018	0.050	04/13/23 10:52	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/13/23 10:52	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/13/23 10:52	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/13/23 10:52	
Chrysene	ug/L	<0.013	0.050	04/13/23 10:52	
Fluoranthene	ug/L	<0.026	0.050	04/13/23 10:52	
Fluorene	ug/L	<0.024	0.050	04/13/23 10:52	
Naphthalene	ug/L	<0.020	0.050	04/13/23 10:52	
Phenanthrene	ug/L	<0.026	0.050	04/13/23 10:52	
Pyrene	ug/L	<0.023	0.050	04/13/23 10:52	
2-Fluorobiphenyl (S)	%	75	44-120	04/13/23 10:52	
Terphenyl-d14 (S)	%	81	49-120	04/13/23 10:52	

Parameter	Units	2538731		2538732		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCSD % Rec				
Anthracene	ug/L	2	1.5	1.5	73	77	61-104	5	20
Benzo(a)pyrene	ug/L	2	1.6	1.6	78	81	68-120	3	20
Benzo(b)fluoranthene	ug/L	2	1.6	1.6	79	81	55-97	2	20
Benzo(g,h,i)perylene	ug/L	2	1.6	1.7	82	87	69-120	6	20
Chrysene	ug/L	2	1.9	2.1	94	103	72-126	9	20
Fluoranthene	ug/L	2	1.7	1.7	83	86	58-111	3	20
Fluorene	ug/L	2	1.5	1.6	76	80	62-120	5	20
Naphthalene	ug/L	2	1.7	1.7	87	87	53-120	0	20
Phenanthrene	ug/L	2	1.4	1.4	70	72	59-120	3	20
Pyrene	ug/L	2	1.5	1.5	73	75	59-120	3	20
2-Fluorobiphenyl (S)	%				75	80	44-120		
Terphenyl-d14 (S)	%				82	83	49-120		

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 442552 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: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005

METHOD BLANK: 2540999 Matrix: Water
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/18/23 14:43	

LABORATORY CONTROL SAMPLE: 2541000

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541001 2541002

Parameter	Units	40260324001		2541001		2541002		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Sulfate	mg/L	275	200	200	200	478	474	101	99	90-110	1	15

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541003 2541004

Parameter	Units	40260403004		2541003		2541004		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Sulfate	mg/L	38.5	20	20	20	57.4	57.7	95	96	90-110	1	15

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch:	442679	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: 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

METHOD BLANK: 2541453 Matrix: Water
Associated Lab Samples: 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/20/23 11:20	

LABORATORY CONTROL SAMPLE: 2541454

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541455 2541456

Parameter	Units	40260403006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	49.9	200	200	257	240	103	95	90-110	7	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2541457 2541458

Parameter	Units	40260613007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<0.44	20	20	22.0	24.1	110	120	90-110	9	15 M0	

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 442217 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012

METHOD BLANK: 2538845 Matrix: Water
Associated Lab Samples: 40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	04/13/23 11:43	

LABORATORY CONTROL SAMPLE: 2538846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	107	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2538847 2538848

Parameter	Units	40260522002 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	325	200	200	529	530	102	102	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2538849 2538850

Parameter	Units	40260403004 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	370	500	500	957	967	117	119	90-110	1	20	M0

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch:	442327	Analysis Method:	EPA 310.2
QC Batch Method:	EPA 310.2	Analysis Description:	310.2 Alkalinity
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

METHOD BLANK: 2539535 Matrix: Water
Associated Lab Samples: 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019, 40260403027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	04/14/23 09:23	

LABORATORY CONTROL SAMPLE: 2539536

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: 2539537 2539538

Parameter	Units	40260324001 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	533	500	500	1050	1020	103	98	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2539539 2539540

Parameter	Units	40260653001 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	292	200	200	483	477	95	92	90-110	1	20	

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

QC Batch:	442159	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, preserved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019		

METHOD BLANK:	2538560	Matrix:	Water
Associated Lab Samples:	40260403001, 40260403002, 40260403003, 40260403004, 40260403005, 40260403006, 40260403008, 40260403009, 40260403010, 40260403011, 40260403012, 40260403013, 40260403014, 40260403015, 40260403016, 40260403017, 40260403018, 40260403019		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	04/12/23 11:35	

LABORATORY CONTROL SAMPLE:	2538561					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2538562			2538563								
Parameter	Units	40260403004 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	0.16J	2.5	2.5	2.7	2.7	102	101	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2538564			2538565								
Parameter	Units	40260403019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.1	2.1	82	82	90-110	0	20 M0	

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QUALITY CONTROL DATA

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

QC Batch: 442160	Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2	Analysis Description: 353.2 Nitrate + Nitrite, preserved
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40260403027

METHOD BLANK: 2538566 Matrix: Water
Associated Lab Samples: 40260403027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	04/12/23 11:56	

LABORATORY CONTROL SAMPLE: 2538567

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: 2538568 2538569

Parameter	Units	2538568		2538569		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40260554001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Nitrogen, NO2 plus NO3	mg/L	1.1	2.5	2.5	3.6	3.5	99	97	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40260403

[1] Revised - PM - revised report to update PAH list on -009 per error. SVM 5/26/2023

BATCH QUALIFIERS

Batch: 442099

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

Batch: 442221

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

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

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

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.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260403001	040523001	EPA 8015B Modified	442163		
40260403002	040523002	EPA 8015B Modified	442163		
40260403003	040523003	EPA 8015B Modified	442163		
40260403004	040523004	EPA 8015B Modified	442251		
40260403005	040523005	EPA 8015B Modified	442163		
40260403006	040523006	EPA 8015B Modified	442163		
40260403008	040523008	EPA 8015B Modified	442251		
40260403009	040523009	EPA 8015B Modified	442251		
40260403010	040523010	EPA 8015B Modified	442251		
40260403011	040523011	EPA 8015B Modified	442251		
40260403012	040523012	EPA 8015B Modified	442251		
40260403013	040623013	EPA 8015B Modified	442251		
40260403014	040623014	EPA 8015B Modified	442251		
40260403015	040623015	EPA 8015B Modified	442251		
40260403016	040623016	EPA 8015B Modified	442251		
40260403017	040623017	EPA 8015B Modified	442251		
40260403018	040623018	EPA 8015B Modified	442251		
40260403019	040623019	EPA 8015B Modified	442251		
40260403027	040623027	EPA 8015B Modified	442251		
40260403001	040523001	EPA 3010A	441893	EPA 6020B	441986
40260403002	040523002	EPA 3010A	441893	EPA 6020B	441986
40260403003	040523003	EPA 3010A	441893	EPA 6020B	441986
40260403004	040523004	EPA 3010A	441893	EPA 6020B	441986
40260403005	040523005	EPA 3010A	441893	EPA 6020B	441986
40260403006	040523006	EPA 3010A	441893	EPA 6020B	441986
40260403008	040523008	EPA 3010A	441893	EPA 6020B	441986
40260403009	040523009	EPA 3010A	441893	EPA 6020B	441986
40260403010	040523010	EPA 3010A	441893	EPA 6020B	441986
40260403011	040523011	EPA 3010A	441893	EPA 6020B	441986
40260403012	040523012	EPA 3010A	441893	EPA 6020B	441986
40260403013	040623013	EPA 3010A	441893	EPA 6020B	441986
40260403014	040623014	EPA 3010A	441893	EPA 6020B	441986
40260403015	040623015	EPA 3010A	441893	EPA 6020B	441986
40260403016	040623016	EPA 3010A	441893	EPA 6020B	441986
40260403017	040623017	EPA 3010A	441893	EPA 6020B	441986
40260403018	040623018	EPA 3010A	441893	EPA 6020B	441986
40260403019	040623019	EPA 3010A	441893	EPA 6020B	441986
40260403027	040623027	EPA 3010A	441893	EPA 6020B	441986
40260403001	040523001	EPA 3510	441911	EPA 8270E by SIM	441968
40260403002	040523002	EPA 3510	441911	EPA 8270E by SIM	441968
40260403003	040523003	EPA 3510	441911	EPA 8270E by SIM	441968
40260403004	040523004	EPA 3510	441911	EPA 8270E by SIM	441968
40260403005	040523005	EPA 3510	442200	EPA 8270E by SIM	442221
40260403006	040523006	EPA 3510	441911	EPA 8270E by SIM	441968
40260403007	040523007	EPA 3510	441911	EPA 8270E by SIM	441968

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101157.321 MARINETTE FORME
Pace Project No.: 40260403

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260403008	040523008	EPA 3510	441911	EPA 8270E by SIM	441968
40260403009	040523009	EPA 3510	441911	EPA 8270E by SIM	441968
40260403010	040523010	EPA 3510	441911	EPA 8270E by SIM	441968
40260403011	040523011	EPA 3510	441911	EPA 8270E by SIM	441968
40260403012	040523012	EPA 3510	441911	EPA 8270E by SIM	441968
40260403013	040623013	EPA 3510	442042	EPA 8270E by SIM	442099
40260403014	040623014	EPA 3510	442042	EPA 8270E by SIM	442099
40260403015	040623015	EPA 3510	442042	EPA 8270E by SIM	442099
40260403016	040623016	EPA 3510	442042	EPA 8270E by SIM	442099
40260403017	040623017	EPA 3510	442042	EPA 8270E by SIM	442099
40260403018	040623018	EPA 3510	442042	EPA 8270E by SIM	442099
40260403019	040623019	EPA 3510	442200	EPA 8270E by SIM	442221
40260403020	040623020	EPA 3510	442200	EPA 8270E by SIM	442221
40260403021	040623021	EPA 3510	442200	EPA 8270E by SIM	442221
40260403022	040623022	EPA 3510	442200	EPA 8270E by SIM	442221
40260403023	040623023	EPA 3510	442200	EPA 8270E by SIM	442221
40260403024	040623024	EPA 3510	442200	EPA 8270E by SIM	442221
40260403025	040623025	EPA 3510	442200	EPA 8270E by SIM	442221
40260403026	040623026	EPA 3510	442200	EPA 8270E by SIM	442221
40260403027	040623027	EPA 3510	442200	EPA 8270E by SIM	442221
40260403001	040523001	EPA 8260	441916		
40260403002	040523002	EPA 8260	441916		
40260403003	040523003	EPA 8260	441916		
40260403004	040523004	EPA 8260	441916		
40260403005	040523005	EPA 8260	441916		
40260403006	040523006	EPA 8260	441916		
40260403007	040523007	EPA 8260	441916		
40260403008	040523008	EPA 8260	441916		
40260403009	040523009	EPA 8260	441916		
40260403010	040523010	EPA 8260	441916		
40260403011	040523011	EPA 8260	441916		
40260403012	040523012	EPA 8260	441916		
40260403013	040623013	EPA 8260	441916		
40260403014	040623014	EPA 8260	441916		
40260403015	040623015	EPA 8260	441916		
40260403016	040623016	EPA 8260	441916		
40260403017	040623017	EPA 8260	441916		
40260403018	040623018	EPA 8260	441916		
40260403019	040623019	EPA 8260	441916		
40260403020	040623020	EPA 8260	441916		
40260403021	040623021	EPA 8260	442044		
40260403022	040623022	EPA 8260	442044		
40260403023	040623023	EPA 8260	442044		
40260403024	040623024	EPA 8260	442044		
40260403025	040623025	EPA 8260	442044		
40260403026	040623026	EPA 8260	442044		
40260403027	040623027	EPA 8260	442044		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260403028	040623028	EPA 8260	442044		
40260403001	040523001	EPA 300.0	442552		
40260403002	040523002	EPA 300.0	442552		
40260403003	040523003	EPA 300.0	442552		
40260403004	040523004	EPA 300.0	442552		
40260403005	040523005	EPA 300.0	442552		
40260403006	040523006	EPA 300.0	442679		
40260403008	040523008	EPA 300.0	442679		
40260403009	040523009	EPA 300.0	442679		
40260403010	040523010	EPA 300.0	442679		
40260403011	040523011	EPA 300.0	442679		
40260403012	040523012	EPA 300.0	442679		
40260403013	040623013	EPA 300.0	442679		
40260403014	040623014	EPA 300.0	442679		
40260403015	040623015	EPA 300.0	442679		
40260403016	040623016	EPA 300.0	442679		
40260403017	040623017	EPA 300.0	442679		
40260403018	040623018	EPA 300.0	442679		
40260403019	040623019	EPA 300.0	442679		
40260403027	040623027	EPA 300.0	442679		
40260403001	040523001	EPA 310.2	442217		
40260403002	040523002	EPA 310.2	442217		
40260403003	040523003	EPA 310.2	442217		
40260403004	040523004	EPA 310.2	442217		
40260403005	040523005	EPA 310.2	442217		
40260403006	040523006	EPA 310.2	442217		
40260403008	040523008	EPA 310.2	442217		
40260403009	040523009	EPA 310.2	442217		
40260403010	040523010	EPA 310.2	442217		
40260403011	040523011	EPA 310.2	442217		
40260403012	040523012	EPA 310.2	442217		
40260403013	040623013	EPA 310.2	442327		
40260403014	040623014	EPA 310.2	442327		
40260403015	040623015	EPA 310.2	442327		
40260403016	040623016	EPA 310.2	442327		
40260403017	040623017	EPA 310.2	442327		
40260403018	040623018	EPA 310.2	442327		
40260403019	040623019	EPA 310.2	442327		
40260403027	040623027	EPA 310.2	442327		
40260403001	040523001	EPA 353.2	442159		
40260403002	040523002	EPA 353.2	442159		
40260403003	040523003	EPA 353.2	442159		
40260403004	040523004	EPA 353.2	442159		
40260403005	040523005	EPA 353.2	442159		
40260403006	040523006	EPA 353.2	442159		
40260403008	040523008	EPA 353.2	442159		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101157.321 MARINETTE FORME

Pace Project No.: 40260403

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260403009	040523009	EPA 353.2	442159		
40260403010	040523010	EPA 353.2	442159		
40260403011	040523011	EPA 353.2	442159		
40260403012	040523012	EPA 353.2	442159		
40260403013	040623013	EPA 353.2	442159		
40260403014	040623014	EPA 353.2	442159		
40260403015	040623015	EPA 353.2	442159		
40260403016	040623016	EPA 353.2	442159		
40260403017	040623017	EPA 353.2	442159		
40260403018	040623018	EPA 353.2	442159		
40260403019	040623019	EPA 353.2	442159		
40260403027	040623027	EPA 353.2	442160		

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QC-ERR 4/6/23

40260403

Section A Required Client Information		Section B Required Project Information		Section C Invoice Information		Page. <u>1</u> of <u>3</u>	
Company O'Brien and Gere Engineers, Inc.		Report To GDSdata@ramboll.com		Attention Accounts Payable		REGULATORY AGENCY	
Address 234 W. Florida St Milwaukee, WI		Copy To Marcus Byker@Ramboll.com Alex Bartelme@Ramboll.com		Company Name WEC Business Services, LLC			
Email To GDSdata@Ramboll.com		Purchase Order No		Address PO Box 19800, Green Bay, WI 54307		<input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Phone 773-796-4359 Fax		Project Name Marinette Former MGP		Pace Quote Reference		Site Location	
Requested Due Date/TAT: standard		Project Number 1940101157.321		Pace Project Manager		STATE: <u>WI</u>	
				Pace Profile #			

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOILSOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BTEX 8260B	Methane 8015B	PAH 8270-SIM	Metals 6020A * (Dissolved)	Alkalinity 310 2	Sulfate 300.0	Nitrate & Nitrite 353 2	Benzene + Ethylbenzene	PAH 8270 D**				
					DATE	TIME	DATE	TIME																								
1	040523001		WT	G			04/05/23	13:09	11	X	X	X	X														N	001				
2	040523002		WT	G				13:49	11	X	X	X	X														N	002				
3	040523003		WT	G				14:37	11	X	X	X	X														N	003				
4	040523004		WT	G				15:23	33	X	X	X	X														N	004				
5	040523005		WT	G				16:16	11	X	X	X	X														N	005				
6	040523006		WT	G				17:02	11	X	X	X	X														N	006				
7	040523007		WT	G				17:35	5	X			X														N	SUREN 007				
8	040523008		WT	G				18:00	11	X	X	X	X														N	008				
9	040523009		WT	G				18:46	11	X	X	X	X														N	009				
10	040523010		WT	G				18:51	11	X	X	X	X														N	010				
11	040523011		WT	G				19:36	11	X	X	X	X														N	011				
12	040523012		WT	G				19:50	11	X	X	X	X														N	012				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
EPA Level 2	[Signature] / Ramboll	4/6/23	17:00	[Signature]	4/6/23	17:30	3.5	Y	N	Y
*Dissolved Metals. Aluminum, Antimony, Copper, Iron, Manganese, Nickel, Silver, Vanadium, Zinc.										
**Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, and Naphthalene										

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER. <u>Edwan Platt</u>							
SIGNATURE of SAMPLER. <u>[Signature]</u>							
DATE Signed (MM/DD/YY). <u>4/6/23</u>							



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OC: ERR 4/6/23

40240403

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Page 2 of 3
Company O'Brien and Gere Engineers, Inc.	Report To GDSdata@ramboll.com	Attention Accounts Payable	REGULATORY AGENCY
Address 234 W Florida St	Copy To Marcus Byker@Ramboll.com	Company Name WEC Business Services, LLC	
Milwaukee, WI	Alex.Bartelme@Ramboll.com	Address PO Box 19800, Green Bay, WI 54307	<input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER
Email To GDSdata@Ramboll.com	Purchase Order No	Pace Quote Reference	<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____
Phone 773-796-4359 Fax	Project Name Marinette Former MGP	Pace Project Manager	Site Location WI
Requested Due Date/TAT: standard	Project Number 1940101157.321	Pace Profile #	STATE: WI

ITEM #	Section D Required Client Information	Valid Matrix Codes		COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives											Requested Analysis Filtered (Y/N)													
		MATRIX	CODE	COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BTEX 8260B	Methane 8015B	PAH 8270-SIM	Metals 6020A* (Dissolved)	Alkalinity 310.2	Sulfate 300.0	Nitrate & Nitrite 353.2	Benzene + Ethylbenzene	PAH 8270 D**	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.					
		DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	DW WT WW P SL OL WP AR OT TS	DATE	TIME	DATE	TIME											↓ Analysis Test ↓	N	N	N	Y	N	N	N									
1	SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	WT	G			04/04/23	07:47	11	X	X	X	X					X	X	X	X	X	X	X			N	013							
2		WT	G			04/04/23	08:30	11	X	X	X	X					X	X	X	X	X	X			N	014								
3		WT	G			04/06/23	09:05	11	X	X	X	X					X	X	X	X	X	X			N	015								
4		WT	G			04/06/23	09:44	11	X	X	X	X					X	X	X	X	X	X			N	016								
5		WT	G			04/06/23	10:16	11	X	X	X	X					X	X	X	X	X	X			N	017								
6		WT	G			04/06/23	10:55	11	X	X	X	X					X	X	X	X	X	X			N	018								
7		WT	G			04/06/23	11:00	11	X	X	X	X					X	X	X	X	X	X			N	019								
8		WT	G			04/06/23	11:54	5	X		X												X	X	N	SCREEN 020								
9		WT	G			04/06/23	12:25	5	X		X												X	X	N	SCREEN 021								
10		WT	G			04/06/23	12:30	5	X		X												X	X	N	SCREEN 022								
11		WT	G			04/06/23	13:01	5	X		X												X	X	N	SCREEN 023								
12		WT	G			04/06/23	13:27	5	X		X												X	X	N	SCREEN 024								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
EPA Level 2	<i>[Signature]</i> / Ramboll	4/6/23	17:00	<i>[Signature]</i> SureSpace	4/6/23	1700	3.5	Y	N	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER					
SIGNATURE of SAMPLER					
		DATE Signed (MM/DD/YY): 4/6/23			



CHAIN-OF-CUSTODY / Analytical Request Document

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

QC ER2 4/6/23

40260403

Section A Required Client Information.

Section B Required Project Information

Section C Invoice Information

Table with client and project information: Company (O'Brien and Gere Engineers, Inc), Address (234 W. Florida St, Milwaukee, WI), Project Name (Mannette Former MGP), Project Number (1940101157.321)

REGULATORY AGENCY section with checkboxes for NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER and Site Location (WI)

Main data table with columns: ITEM #, SAMPLE ID, Matrix Code, Sample Type, Collection Date/Time, Containers, Preservatives, Analysis Test, Requested Analysis Filtered (Y/N), Residual Chlorine, Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS section with fields for Relinquished By, Date, Time, Accepted By, Date, Time, and Sample Conditions

SAMPLER NAME AND SIGNATURE section with fields for Print Name, Signature, Date Signed, Temp in °C, Received on Ice, Custody Sealed Cooler, Samples Intact

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

Effective Date: 8/16/2022

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 40240403

All containers needing preservation have been checked and noted below

Yes No N/A

Initial when completed. SC Date/Time

Lab Lot# of pH paper 4760336 EPA # of preservation (if pH adjusted)

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

Exceptions to preservation check VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other. Headspace in VOA Vials (>6mm) Yes No N/A *If yes look in headspace column

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

Client Name: Ramboll

Sample Preservation Receipt Form
Project #: 40240403

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	JG9U	JG9U	WG9U	WPFU								SP5T	ZPLC	GN 1	GN 2
021					2											3																		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																		2.5 / 5
027					2											3																		2.5 / 5
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047																																		2.5 / 5
048																																		2.5 / 5

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Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Ramboll

WO#: **40260403**

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR-128 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 0.5 / Corr: 0.5

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

Person examining contents:
 Date: 04/06/2023 Initials: MVA
 Labeled By Initials: R.A

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<u>04/06/2023</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>008 1/2 AGS und time</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>4/6/23 SE</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>492</u>		

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